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Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.6 aws-java-sdk-mobile 1.12.377

1.6.1 Available under license :

Apache-2.0

1.7 hibernate-validator 6.1.7.Final

1.7.1 Available under license :

Hibernate Validator, declare and validate application constraints

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1.10 aws-java-sdk-cloudtrail 1.12.377

1.10.1 Available under license :

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1.11 aws-java-sdk-lookoutforvision 1.12.377

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1.12 re2j 1.3

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```
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```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-  
jar/com/google/re2j/CharClass.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/RE2.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/Parser.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/Inst.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/Regex.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/Machine.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/Prog.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-  
jar/com/google/re2j/PatternSyntaxException.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-  
jar/com/google/re2j/MachineInput.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/Unicode.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/Utils.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-  
jar/com/google/re2j/Compiler.java
```

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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/Simplify.java
```

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```
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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/Pattern.java  
* /opt/ws_local/PERMITS_SQL/1057884735_1592369590.28/0/re2j-1-3-sources-jar/com/google/re2j/Matcher.java
```

1.13 commons-compress 1.21.0.redhat-00001

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1.14 amazon-kinesis-client 1.7.0

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1.16 python-chardet 2.2.1-3.el7

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Version 2.1, February 1999

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1.26 jmespath-java 1.12.402

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1.35 aws-java-sdk-ecs 1.12.377

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1.36 aws-java-sdk-workmailmessageflow

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.38 aws-java-sdk-pinpointSMSvoicev2

1.12.377

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1.44 aws-java-sdk-sagemakerruntime

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1.45 chkconfig 1.7.6-1.el7

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1.46 systemd 219-78.el7_9.7

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1.47 jctools-core 3.3.0

1.47.1 Available under license :

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<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
```

Found in path(s):

```
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml
```

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 */
```

Found in path(s):

```
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/atomic/AtomicQueueFactory.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/ConcurrentCircularArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/spec/Preference.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/package-
info.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/spec/Ordering.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/IndexedQueueSizeUtil.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/atomic/SpSCChunkedAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/MPMCUnboundedXaddChunk.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/atomic/SpSCAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/util/RangeUtil.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/util/PaddedAtomicLong.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/QueueFactory.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/LinkedQueueNode.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-
jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
```


* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpscUnboundedXaddArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MessagePassingQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpscBlockingConsumerArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/MpmcAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpscLinkedQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpscChunkedArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/SpSCArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/util/UnsafeRefArrayAccess.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/maps/AbstractEntry.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/maps/NonBlockingSetInt.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/SpSCUnboundedAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/SpMCArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/BaseSpSCLinkedArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/BaseLinkedQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/maps/NonBlockingHashSet.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/util/UnsafeJvmInfo.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/BaseMpscLinkedAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MessagePassingQueueUtil.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpscCompoundQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/maps/NonBlockingIdentityHashMap.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpscUnboundedXaddChunk.java

* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/maps/ConcurrentAutoTable.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/LinkedListAtomicNode.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/SpSCLinkedListAtomicQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/MpscLinkedListAtomicQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/SpSCLinkedListQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpscGrowableArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/spec/ConcurrentQueueSpec.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/util/UnsafeAccess.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpscUnboundedArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpmcArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/SupportsIterator.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpscArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/SpSCChunkedArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/util/UnsafeLongArrayAccess.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/BaseSpSCLinkedListAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/SpSCUnboundedArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/util/InternalAPI.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/maps/NonBlockingHashMap.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/SpSCGrowableArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/SpSCGrowableAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/util/PortableJvmInfo.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/BaseMpscLinkedListArrayQueue.java

* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/queues/atomic/SpmcAtomicArrayQueue.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/maps/NonBlockingHashMapLong.java
* /opt/cola/permits/1257772382_1643010290.62/0/jctools-core-3-3-0-sources-jar/org/jctools/util/Pow2.java

1.48 metrics-jmx 4.1.33

1.48.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.jmx
Build-Jdk-Spec: 1.8
Bundle-Description: A set of classes which allow you to report metrics via JMX.
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>
Bundle-ManifestVersion: 2
Bundle-Name: Metrics Integration with JMX
Bundle-SymbolicName: io.dropwizard.metrics.jmx
Bundle-Version: 4.1.33
Created-By: Apache Maven Bundle Plugin 5.1.8
Export-Package: com.codahale.metrics.jmx;uses:="com.codahale.metrics,javax.management";version="4.1.33"
Implementation-Title: Metrics Integration with JMX
Implementation-Version: 4.1.33
Import-Package: org.slf4j;version="[1.6.0,2.0.0)",com.codahale.metrics;version="[4.1,5)",javax.management
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /opt/cola/permits/1480501768_1668971443.6143289/0/metrics-jmx-4-1-33-jar/META-INF/MANIFEST.MF

1.49 berkeley-db 5.3.21-25.e17

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1.50 aws-java-sdk-mediaconvert 1.12.377

1.50.1 Available under license :

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1.51 pkg-config 0.27.1-4.el7

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* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/Authenticator.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/MediaType.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/internal/framed/NameValuePairReader.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/internal/InternalCache.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/internal/framed/Http2.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/internal/framed/Hpack.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/Dispatcher.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/Route.java
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* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/internal/http/AuthenticatorAdapter.java
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jar/com/squareup/okhttp/internal/framed/FrameReader.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-
jar/com/squareup/okhttp/internal/framed/Spdy3.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-
jar/com/squareup/okhttp/internal/framed/FramedStream.java
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jar/com/squareup/okhttp/internal/framed/FramedConnection.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-
jar/com/squareup/okhttp/internal/http/HeaderParser.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-
jar/com/squareup/okhttp/internal/framed/FrameWriter.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-
jar/com/squareup/okhttp/internal/http/HttpDate.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-
jar/com/squareup/okhttp/internal/DiskLruCache.java

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jar/com/squareup/okhttp/internal/Util.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/Address.java
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jar/com/squareup/okhttp/internal/http/HttpStream.java
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jar/com/squareup/okhttp/internal/http/Http1xStream.java
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jar/com/squareup/okhttp/internal/framed/Settings.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/Dns.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-jar/com/squareup/okhttp/OkHttpClient.java
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jar/com/squareup/okhttp/FormEncodingBuilder.java
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jar/com/squareup/okhttp/ResponseBody.java
* /opt/cola/permits/1196234293_1629878885.03/0/okhttp-2-7-4-sources-3-
jar/com/squareup/okhttp/internal/http/CacheRequest.java
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1.74 ca-certificates 2022.2.54-74.el7_9

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* /opt/cola/permits/1425443200_1664017022.0583818/0/ca-certificates-2022.2.54-74.el7_9.src.rpm-cosi-expand-archive-GCjLhYzR/ca-certificates.spec

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////

ca-legacy(8)

=====

:doctype: manpage

:man source: ca-legacy

NAME

ca-legacy - Manage the system configuration for legacy CA certificates

SYNOPSIS

ca-legacy ['COMMAND']

DESCRIPTION

ca-legacy(8) is used to include or exclude a set of legacy Certificate Authority (CA) certificates in the system's list of trusted CA certificates.

The list of CA certificates and trust flags included in the ca-certificates package are based on the decisions made by Mozilla.org according to the Mozilla CA policy.

Occasionally, removal or distrust decisions made by Mozilla.org might be incompatible with the requirements or limitations of some applications that also use the CA certificates list in the Linux environment.

The ca-certificates package might keep some CA certificates included and trusted by default, as long as it is seen necessary by the maintainers, despite the fact that they have been removed by Mozilla. These certificates are called legacy CA certificates.

The general requirements to keep legacy CA certificates included and trusted might change over time, for example if functional limitations of software packages have been resolved.

Future versions of the ca-certificates package might reduce the set of legacy CA certificates that are included and trusted by default.

The ca-legacy(8) command can be used to override the default behaviour.

The mechanisms to individually trust or distrust CA certificates as described in update-ca-trust(8) still apply.

COMMANDS

check::

The current configuration will be shown.

default::

Configure the system to use the default configuration, as recommended by the package maintainers.

disable::

Configure the system to explicitly disable legacy CA certificates.

Using this configuration, the system will use the set of

included and trusted CA certificates as released by Mozilla.

***install*::**

The configuration file will be read and the system configuration will be set accordingly. This command is executed automatically during upgrades of the ca-certificates package.

FILES

/etc/pki/ca-trust/ca-legacy.conf::

A configuration file that will be used and modified by the ca-legacy command. The contents of the configuration file will be read on package upgrades.

AUTHOR

Written by Kai Engert.

Found in path(s):

* /opt/cola/permits/1425443200_1664017022.0583818/0/ca-certificates-2022.2.54-74.el7_9.src.rpm-cosi-expand-archive-GCjLhYzR/ca-legacy.8.txt

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////

update-ca-trust(8)

=====

:doctype: manpage

:man source: update-ca-trust

NAME

update-ca-trust - manage consolidated and dynamic configuration of CA certificates and associated trust

SYNOPSIS

`*update-ca-trust* ['COMMAND']`

DESCRIPTION

update-ca-trust(8) is used to manage a consolidated and dynamic configuration feature of Certificate Authority (CA) certificates and associated trust.

The feature is available for new applications that read the consolidated configuration files found in the `/etc/pki/ca-trust/extracted` directory or that load the PKCS#11 module `p11-kit-trust.so`

Parts of the new feature are also provided in a way to make it useful for legacy applications.

Many legacy applications expect CA certificates and trust configuration in a fixed location, contained in files with particular path and name, or by referring to a classic PKCS#11 trust module provided by the NSS cryptographic library.

The dynamic configuration feature provides functionally compatible replacements for classic configuration files and for the classic NSS trust module named `libnssckbi`.

In order to enable legacy applications, that read the classic files or access the classic module, to make use of the new consolidated and dynamic configuration feature, the classic filenames have been changed to symbolic links. The symbolic links refer to dynamically created and consolidated output stored below the `/etc/pki/ca-trust/extracted` directory hierarchy.

The output is produced using the `'update-ca-trust'` command (without parameters), or using the `'update-ca-trust extract'` command.

In order to produce the output, a flexible set of source configuration is read, as described in section `<<sourceconf,SOURCE CONFIGURATION>>`.

In addition, the classic PKCS#11 module is replaced with a new PKCS#11 module (`p11-kit-trust.so`) that dynamically reads the same source configuration.

[[sourceconf]]

SOURCE CONFIGURATION

The dynamic configuration feature uses several source directories that will be scanned for any number of source files. *It is important to select

the correct subdirectory for adding files, as the subdirectory defines how contained certificates will be trusted or distrusted, and which file formats are read.*

Files in *subdirectories below the directory hierarchy /usr/share/pki/ca-trust-source/* contain CA certificates and trust settings in the PEM file format. The trust settings found here will be interpreted with a *low priority*.

Files in *subdirectories below the directory hierarchy /etc/pki/ca-trust/source/* contain CA certificates and trust settings in the PEM file format. The trust settings found here will be interpreted with a *high priority*.

.You may use the following rules of thumb to decide, whether your configuration files should be added to the /etc or rather to the /usr directory hierarchy:

* If you are manually adding a configuration file to a system, you probably want it to override any other default configuration, and you most likely should add it to the respective subdirectory in the /etc hierarchy.

* If you are creating a package that provides additional root CA certificates, that is intended for distribution to several computer systems, but you still want to allow the administrator to override your list, then your package should add your files to the respective subdirectory in the /usr hierarchy.

* If you are creating a package that is supposed to override the default system trust settings, that is intended for distribution to several computer systems, then your package should install the files to the respective subdirectory in the /etc hierarchy.

.*QUICK HELP 1*: To add a certificate in the simple PEM or DER file formats to the list of CAs trusted on the system:

* add it as a new file to directory /etc/pki/ca-trust/source/anchors/

* run 'update-ca-trust extract'

.*QUICK HELP 2*: If your certificate is in the extended BEGIN TRUSTED file format (which may contain distrust/blacklist trust flags, or trust flags for usages other than TLS) then:

* add it as a new file to directory /etc/pki/ca-trust/source/

* run 'update-ca-trust extract'

.In order to offer simplicity and flexibility, the way certificate files are treated depends on the subdirectory they are installed to.

* simple trust anchors subdirectory: /usr/share/pki/ca-trust-source/anchors/ or /etc/pki/ca-trust/source/anchors/

* simple blacklist (distrust) subdirectory: /usr/share/pki/ca-trust-source/blacklist/ or /etc/pki/ca-trust/source/blacklist/

* extended format directory: /usr/share/pki/ca-trust-source/ or /etc/pki/ca-trust/source/

.In the main directories /usr/share/pki/ca-trust-source/ or /etc/pki/ca-trust/source/ you may install one or multiple files in the following file formats:

* certificate files that include trust flags,

in the BEGIN/END TRUSTED CERTIFICATE file format

(any file name), which have been created using the openssl x509 tool

and the -addreject -addtrust options.

Bundle files with multiple certificates are supported.

* files in the p11-kit file format using the .p11-kit file name extension, which can (e.g.) be used to distrust certificates based on serial number and issuer name, without having the full certificate available.

(This is currently an undocumented format, to be extended later.

For examples of the supported formats, see the files shipped with the ca-certificates package.)

* certificate files without trust flags in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format (any file name). Such files will be added with neutral trust, neither trusted nor distrusted.

They will simply be known to the system, which might be helpful to assist cryptographic software in constructing chains of certificates.

(If you want a CA certificate in these file formats to be trusted, you should remove it from this directory and move it to the ./anchors subdirectory instead.)

In the anchors subdirectories /usr/share/pki/ca-trust-source/anchors/ or /etc/pki/ca-trust/source/anchors/ you may install one or multiple certificates in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format.

Each certificate will be treated as *trusted* for all purposes.

In the blacklist subdirectories /usr/share/pki/ca-trust-source/blacklist/ or /etc/pki/ca-trust/source/blacklist/ you may install one or multiple certificates in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format.

Each certificate will be treated as *distrusted* for all purposes.

Please refer to the x509(1) manual page for the documentation of the BEGIN/END CERTIFICATE and BEGIN/END TRUSTED CERTIFICATE file formats.

Applications that rely on a static file for a list of trusted CAs may load one of the files found in the /etc/pki/ca-trust/extracted directory. After modifying any file in the /usr/share/pki/ca-trust-source/ or /etc/pki/ca-trust/source/ directories or in any of their subdirectories, or after adding a file, it is necessary to run the 'update-ca-trust extract' command, in order to update the consolidated files in /etc/pki/ca-trust/extracted/ .

Applications that load the classic PKCS#11 module using filename libnssckbi.so (which has been converted into a symbolic link pointing to the new module) and any application capable of loading PKCS#11 modules and loading p11-kit-trust.so, will benefit from the dynamically merged set of certificates and trust information stored in the /usr/share/pki/ca-trust-source/ and /etc/pki/ca-trust/source/ directories.

[[extractconf]]

EXTRACTED CONFIGURATION

The directory `/etc/pki/ca-trust/extracted/` contains generated CA certificate bundle files which are created and updated, based on the `<<sourceconf,SOURCE CONFIGURATION>>` by running the `'update-ca-trust extract'` command.

If your application isn't able to load the PKCS#11 module `p11-kit-trust.so`, then you can use these files in your application to load a list of global root CA certificates.

Please never manually edit the files stored in this directory, because your changes will be lost and the files automatically overwritten, each time the `'update-ca-trust extract'` command gets executed.

In order to install new trusted or distrusted certificates, please rather install them in the respective subdirectory below the `/usr/share/pki/ca-trust-source/` or `/etc/pki/ca-trust/source/` directories, as described in the `<<sourceconf,SOURCE CONFIGURATION>>` section.

The directory `/etc/pki/ca-trust/extracted/java/` contains a CA certificate bundle in the java keystore file format. Distrust information cannot be represented in this file format, and distrusted certificates are missing from these files. File `cacerts` contains CA certificates trusted for TLS server authentication.

The directory `/etc/pki/ca-trust/extracted/openssl/` contains CA certificate bundle files in the extended BEGIN/END TRUSTED CERTIFICATE file format, as described in the x509(1) manual page. File `ca-bundle.trust.crt` contains the full set of all trusted or distrusted certificates, including the associated trust flags.

The directory `/etc/pki/ca-trust/extracted/pem/` contains CA certificate bundle files in the simple BEGIN/END CERTIFICATE file format, as described in the x509(1) manual page. Distrust information cannot be represented in this file format, and distrusted certificates are missing from these files. File `tls-ca-bundle.pem` contains CA certificates trusted for TLS server authentication. File `email-ca-bundle.pem` contains CA certificates trusted for E-Mail protection. File `objsign-ca-bundle.pem` contains CA certificates trusted for code signing.

COMMANDS

(absent/empty command)::

Same as the `*extract*` command described below. (However, the command may print fewer warnings, as this command is being run during rpm package installation, where non-fatal status output is undesired.)

extract::

Instruct update-ca-trust to scan the <<sourceconf,SOURCE CONFIGURATION>> and produce updated versions of the consolidated configuration files stored below the /etc/pki/ca-trust/extracted directory hierarchy.

FILES

/etc/pki/tls/certs/ca-bundle.crt::

Classic filename, file contains a list of CA certificates trusted for TLS server authentication usage, in the simple BEGIN/END CERTIFICATE file format, without distrust information.

This file is a symbolic link that refers to the consolidated output created by the update-ca-trust command.

/etc/pki/tls/certs/ca-bundle.trust.crt::

Classic filename, file contains a list of CA certificates in the extended BEGIN/END TRUSTED CERTIFICATE file format, which includes trust (and/or distrust) flags specific to certificate usage.

This file is a symbolic link that refers to the consolidated output created by the update-ca-trust command.

/etc/pki/java/cacerts::

Classic filename, file contains a list of CA certificates trusted for TLS server authentication usage, in the Java keystore file format, without distrust information.

This file is a symbolic link that refers to the consolidated output created by the update-ca-trust command.

/usr/share/pki/ca-trust-source::

Contains multiple, low priority source configuration files as explained in section <<sourceconf,SOURCE CONFIGURATION>>. Please pay attention to the specific meanings of the respective subdirectories.

/etc/pki/ca-trust/source::

Contains multiple, high priority source configuration files as explained in section <<sourceconf,SOURCE CONFIGURATION>>. Please pay attention to the specific meanings of the respective subdirectories.

/etc/pki/ca-trust/extracted::

Contains consolidated and automatically generated configuration files for consumption by applications, which are created using the 'update-ca-trust extract' command. Don't edit files in this directory, because they will be overwritten.

See section <<extractconf,EXTRACTED CONFIGURATION>> for additional details.

AUTHOR

Written by Kai Engert and Stef Walter.

Found in path(s):

* /opt/cola/permits/1425443200_1664017022.0583818/0/ca-certificates-2022.2.54-74.el7_9.src.rpm-cosi-expand-archive-GCjLhYzR/update-ca-trust.8.txt

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Found in path(s):

```
* /opt/cola/permits/1425443200_1664017022.0583818/0/ca-certificates-2022.2.54-74.el7_9.src.rpm-cosi-expand-
archive-GCjLhYzR/certdata2pem.py
```

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```

```
#
# certdata.txt
#
# This file contains the object definitions for the certs and other
# information "built into" NSS.
#
# Object definitions:
#
# Certificates
#
# -- Attribute --      -- type --      -- value --
# CKA_CLASS            CK_OBJECT_CLASS  CKO_CERTIFICATE
# CKA_TOKEN            CK_BBOOL      CK_TRUE
# CKA_PRIVATE          CK_BBOOL      CK_FALSE
# CKA_MODIFIABLE       CK_BBOOL      CK_FALSE
# CKA_LABEL            UTF8          (varies)
# CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# CKA_SUBJECT          DER+base64   (varies)
# CKA_ID               byte array   (varies)
# CKA_ISSUER           DER+base64   (varies)
# CKA_SERIAL_NUMBER    DER+base64   (varies)
# CKA_VALUE            DER+base64   (varies)
# CKA_NSS_EMAIL        ASCII7       (unused here)
# CKA_NSS_SERVER_DISTRUST_AFTER DER+base64   (varies)
# CKA_NSS_EMAIL_DISTRUST_AFTER DER+base64   (varies)
#
# Trust
#
# -- Attribute --      -- type --      -- value --
```

```

# CKA_CLASS          CK_OBJECT_CLASS  CKO_TRUST
# CKA_TOKEN          CK_BBOOL      CK_TRUE
# CKA_PRIVATE        CK_BBOOL      CK_FALSE
# CKA_MODIFIABLE     CK_BBOOL      CK_FALSE
# CKA_LABEL          UTF8          (varies)
# CKA_ISSUER         DER+base64    (varies)
# CKA_SERIAL_NUMBER  DER+base64    (varies)
# CKA_CERT_HASH      binary+base64 (varies)
# CKA_EXPIRES        CK_DATE       (not used here)
# CKA_TRUST_DIGITAL_SIGNATURE CK_TRUST      (varies)
# CKA_TRUST_NON_REPUDIATION CK_TRUST      (varies)
# CKA_TRUST_KEY_ENCIPHERMENT CK_TRUST      (varies)
# CKA_TRUST_DATA_ENCIPHERMENT CK_TRUST      (varies)
# CKA_TRUST_KEY_AGREEMENT CK_TRUST      (varies)
# CKA_TRUST_KEY_CERT_SIGN CK_TRUST      (varies)
# CKA_TRUST_CRL_SIGN CK_TRUST      (varies)
# CKA_TRUST_SERVER_AUTH CK_TRUST      (varies)
# CKA_TRUST_CLIENT_AUTH CK_TRUST      (varies)
# CKA_TRUST_CODE_SIGNING CK_TRUST      (varies)
# CKA_TRUST_EMAIL_PROTECTION CK_TRUST      (varies)
# CKA_TRUST_IPSEC_END_SYSTEM CK_TRUST      (varies)
# CKA_TRUST_IPSEC_TUNNEL CK_TRUST      (varies)
# CKA_TRUST_IPSEC_USER CK_TRUST      (varies)
# CKA_TRUST_TIME_STAMPING CK_TRUST      (varies)
# CKA_TRUST_STEP_UP_APPROVED CK_BBOOL      (varies)
# (other trust attributes can be defined)
#

```

```

#
# The object to tell NSS that this is a root list and we don't
# have to go looking for others.
#

```

```

BEGINDATA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_BUILTIN_ROOT_LIST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Mozilla Builtin Roots"

```

```

#
# Certificate "GlobalSign Root CA"
#
# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Serial Number:04:00:00:00:00:01:15:4b:5a:c3:94
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Tue Sep 01 12:00:00 1998
# Not Valid After : Fri Jan 28 12:00:00 2028
# Fingerprint (SHA-256):

```


EB:D4:10:40:E4:BB:3E:C7:42:C9:E3:81:D3:1E:F2:A4:1A:48:B6:68:5C:96:E7:CE:F3:C1:DF:6C:D4:33:1C:99
Fingerprint (SHA1): B1:BC:96:8B:D4:F4:9D:62:2A:A8:9A:81:F2:15:01:52:A4:1D:82:9C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\025\113\132\303\224
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\165\060\202\002\135\240\003\002\001\002\002\013\004
\000\000\000\000\001\025\113\132\303\224\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\060\127\061\013\060\011\006
\003\125\004\006\023\002\102\105\061\031\060\027\006\003\125\004
\012\023\020\107\154\157\142\141\154\123\151\147\156\040\156\166
\055\163\141\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\033\060\031\006\003\125\004\003\023\022
\107\154\157\142\141\154\123\151\147\156\040\122\157\157\164\040
\103\101\060\036\027\015\071\070\060\071\060\061\061\062\060\060
\060\060\132\027\015\062\070\060\061\062\070\061\062\060\060\060
\060\132\060\127\061\013\060\011\006\003\125\004\006\023\002\102
\105\061\031\060\027\006\003\125\004\012\023\020\107\154\157\142
\141\154\123\151\147\156\040\156\166\055\163\141\061\020\060\016
\006\003\125\004\013\023\007\122\157\157\164\040\103\101\061\033
\060\031\006\003\125\004\003\023\022\107\154\157\142\141\154\123
\151\147\156\040\122\157\157\164\040\103\101\060\202\001\042\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\001\017\000\060\202\001\012\002\202\001\001\000\332\016\346\231
\215\316\243\343\117\212\176\373\361\213\203\045\153\352\110\037

\361\052\260\271\225\021\004\275\360\143\321\342\147\146\317\034
\335\317\033\110\053\356\215\211\216\232\257\051\200\145\253\351
\307\055\022\313\253\034\114\160\007\241\075\012\060\315\025\215
\117\370\335\324\214\120\025\034\357\120\356\304\056\367\374\351
\122\362\221\175\340\155\325\065\060\216\136\103\163\362\101\351
\325\152\343\262\211\072\126\071\070\157\006\074\210\151\133\052
\115\305\247\124\270\154\211\314\233\371\074\312\345\375\211\365
\022\074\222\170\226\326\334\164\156\223\104\141\321\215\307\106
\262\165\016\206\350\031\212\325\155\154\325\170\026\225\242\351
\310\012\070\353\362\044\023\117\163\124\223\023\205\072\033\274
\036\064\265\213\005\214\271\167\213\261\333\037\040\221\253\011
\123\156\220\316\173\067\164\271\160\107\221\042\121\143\026\171
\256\261\256\101\046\010\310\031\053\321\106\252\110\326\144\052
\327\203\064\377\054\052\301\154\031\103\112\007\205\347\323\174
\366\041\150\357\352\362\122\237\177\223\220\317\002\003\001\000
\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\140\173\146\032\105\015\227\312\211\120\057\175\004\315\064
\250\377\374\375\113\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\003\202\001\001\000\326\163\347\174\117\166\320
\215\277\354\272\242\276\064\305\050\062\265\174\374\154\234\054
\053\275\011\236\123\277\153\136\252\021\110\266\345\010\243\263
\312\075\141\115\323\106\011\263\076\303\240\343\143\125\033\362
\272\357\255\071\341\103\271\070\243\346\057\212\046\073\357\240
\120\126\371\306\012\375\070\315\304\013\160\121\224\227\230\004
\337\303\137\224\325\025\311\024\101\234\304\135\165\144\025\015
\377\125\060\354\206\217\377\015\357\054\271\143\106\366\252\374
\337\274\151\375\056\022\110\144\232\340\225\360\246\357\051\217
\001\261\025\265\014\035\245\376\151\054\151\044\170\036\263\247
\034\161\142\356\312\310\227\254\027\135\212\302\370\107\206\156
\052\304\126\061\225\320\147\211\205\053\371\154\246\135\106\235
\014\252\202\344\231\121\335\160\267\333\126\075\141\344\152\341
\134\326\366\376\075\336\101\314\007\256\143\122\277\123\123\364
\053\351\307\375\266\367\202\137\205\322\101\030\333\201\263\004
\034\305\037\244\200\157\025\040\311\336\014\210\012\035\326\146
\125\342\374\110\311\051\046\151\340

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "GlobalSign Root CA"
Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
Serial Number:04:00:00:00:01:15:4b:5a:c3:94
Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
Not Valid Before: Tue Sep 01 12:00:00 1998
Not Valid After : Fri Jan 28 12:00:00 2028

```

# Fingerprint (SHA-256):
EB:D4:10:40:E4:BB:3E:C7:42:C9:E3:81:D3:1E:F2:A4:1A:48:B6:68:5C:96:E7:CE:F3:C1:DF:6C:D4:33:1C:99
# Fingerprint (SHA1): B1:BC:96:8B:D4:F4:9D:62:2A:A8:9A:81:F2:15:01:52:A4:1D:82:9C
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\261\274\226\213\324\364\235\142\052\250\232\201\362\025\001\122
\244\035\202\234
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\105\122\025\011\121\222\341\267\135\067\237\261\207\051\212
END
CKA_ISSUER MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\025\113\132\303\224
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Verisign Class 1 Public Primary Certification Authority - G3"
#
# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4
# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (SHA-256):
CB:B5:AF:18:5E:94:2A:24:02:F9:EA:CB:C0:ED:5B:B8:76:EE:A3:C1:22:36:23:D0:04:47:E4:F3:BA:55:4B:65
# Fingerprint (SHA1): 20:42:85:DC:F7:EB:76:41:95:57:8E:13:6B:D4:B7:D1:E9:8E:46:A5
# For Email Distrust After: Wed Aug 31 00:00:00 2022
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\213\133\165\126\204\124\205\013\000\317\257\070\110
\316\261\244
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\032\060\202\003\002\002\021\000\213\133\165\126\204
\124\205\013\000\317\257\070\110\316\261\244\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\060\201\312\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003
\125\004\012\023\016\126\145\162\151\123\151\147\156\054\040\111
\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126\145
\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145\164
\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061\050
\143\051\040\061\071\071\071\040\126\145\162\151\123\151\147\156
```

\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165\164
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171
\061\105\060\103\006\003\125\004\003\023\074\126\145\162\151\123
\151\147\156\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\063\060\036\027\015\071\071\061\060\060
\061\060\060\060\060\060\060\132\027\015\063\066\060\067\061\066
\062\063\065\071\065\071\132\060\201\312\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\027\060\025\006\003\125\004\012
\023\016\126\145\162\151\123\151\147\156\054\040\111\156\143\056
\061\037\060\035\006\003\125\004\013\023\026\126\145\162\151\123
\151\147\156\040\124\162\165\163\164\040\116\145\164\167\157\162
\153\061\072\060\070\006\003\125\004\013\023\061\050\143\051\040
\061\071\071\071\040\126\145\162\151\123\151\147\156\054\040\111
\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\105\060
\103\006\003\125\004\003\023\074\126\145\162\151\123\151\147\156
\040\103\154\141\163\163\040\061\040\120\165\142\154\151\143\040
\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040
\055\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012
\002\202\001\001\000\335\204\324\271\264\371\247\330\363\004\170
\234\336\075\334\154\023\026\331\172\335\044\121\146\300\307\046
\131\015\254\006\010\302\224\321\063\037\360\203\065\037\156\033
\310\336\252\156\025\116\124\047\357\304\155\032\354\013\343\016
\360\104\245\127\307\100\130\036\243\107\037\161\354\140\366\155
\224\310\030\071\355\376\102\030\126\337\344\114\111\020\170\116
\001\166\065\143\022\066\335\146\274\001\004\066\243\125\150\325
\242\066\011\254\253\041\046\124\006\255\077\312\024\340\254\312
\255\006\035\225\342\370\235\361\340\140\377\302\177\165\053\114
\314\332\376\207\231\041\352\272\376\076\124\327\322\131\170\333
\074\156\317\240\023\000\032\270\047\241\344\276\147\226\312\240
\305\263\234\335\311\165\236\353\060\232\137\243\315\331\256\170
\031\077\043\351\134\333\051\275\255\125\310\033\124\214\143\366
\350\246\352\307\067\022\134\243\051\036\002\331\333\037\073\264
\327\017\126\107\201\025\004\112\257\203\047\321\305\130\210\301
\335\366\252\247\243\030\332\150\252\155\021\121\341\277\145\153
\237\226\166\321\075\002\003\001\000\001\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\253\146
\215\327\263\272\307\232\266\346\125\320\005\361\237\061\215\132
\252\331\252\106\046\017\161\355\245\255\123\126\142\001\107\052
\104\351\376\077\164\013\023\233\271\364\115\033\262\321\137\262
\266\322\210\134\263\237\315\313\324\247\331\140\225\204\072\370
\301\067\035\141\312\347\260\305\345\221\332\124\246\254\061\201
\256\227\336\315\010\254\270\300\227\200\177\156\162\244\347\151
\023\225\145\037\304\223\074\375\171\217\004\324\076\117\352\367

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\236\316\315\147\174\117\145\002\377\221\205\124\163\307\377\066
\367\206\055\354\320\136\117\377\021\237\162\006\326\270\032\361
\114\015\046\145\342\104\200\036\307\237\343\335\350\012\332\354
\245\040\200\151\150\241\117\176\341\153\317\007\101\372\203\216
\274\070\335\260\056\021\261\153\262\102\314\232\274\371\110\042
\171\112\031\017\262\034\076\040\164\331\152\303\276\362\050\170
\023\126\171\117\155\120\352\033\260\265\127\261\067\146\130\043
\363\334\017\337\012\207\304\357\206\005\325\070\024\140\231\243
\113\336\006\226\161\054\362\333\266\037\244\357\077\356
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER MULTILINE_OCTAL

```
\062\062\060\070\063\061\060\060\060\060\060\060\132
```

END

Trust for "Verisign Class 1 Public Primary Certification Authority - G3"

Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4

Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

Not Valid Before: Fri Oct 01 00:00:00 1999

Not Valid After : Wed Jul 16 23:59:59 2036

Fingerprint (SHA-256):

CB:B5:AF:18:5E:94:2A:24:02:F9:EA:CB:C0:ED:5B:B8:76:EE:A3:C1:22:36:23:D0:04:47:E4:F3:BA:55:4B:65

Fingerprint (SHA1): 20:42:85:DC:F7:EB:76:41:95:57:8E:13:6B:D4:B7:D1:E9:8E:46:A5

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

```
\040\102\205\334\367\353\166\101\225\127\216\023\153\324\267\321
\351\216\106\245
```

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

```
\261\107\274\030\127\321\030\240\170\055\354\161\350\052\225\163
```

END

CKA_ISSUER MULTILINE_OCTAL

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
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\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\021\000\213\133\165\126\204\124\205\013\000\317\257\070\110
\316\261\244
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Verisign Class 2 Public Primary Certification Authority - G3"

#

Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

Serial Number:61:70:cb:49:8c:5f:98:45:29:e7:b0:a6:d9:50:5b:7a

Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

Not Valid Before: Fri Oct 01 00:00:00 1999

Not Valid After : Wed Jul 16 23:59:59 2036

Fingerprint (SHA-256):

92:A9:D9:83:3F:E1:94:4D:B3:66:E8:BF:AE:7A:95:B6:48:0C:2D:6C:6C:2A:1B:E6:5D:42:36:B6:08:FC:A1:BB

Fingerprint (SHA1): 61:EF:43:D7:7F:CA:D4:61:51:BC:98:E0:C3:59:12:AF:9F:EB:63:11

For Email Distrust After: Wed Aug 31 00:00:00 2022

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
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\165\164\150\157\162\151\164\171\040\055\040\107\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\141\160\313\111\214\137\230\105\051\347\260\246\331\120
\133\172

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\031\060\202\003\001\002\020\141\160\313\111\214\137
\230\105\051\347\260\246\331\120\133\172\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\060\201\312\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003\125
\004\012\023\016\126\145\162\151\123\151\147\156\054\040\111\156
\143\056\061\037\060\035\006\003\125\004\013\023\026\126\145\162
\151\123\151\147\156\040\124\162\165\163\164\040\116\145\164\167
\157\162\153\061\072\060\070\006\003\125\004\013\023\061\050\143
\051\040\061\071\071\071\040\126\145\162\151\123\151\147\156\054
\040\111\156\143\056\040\055\040\106\157\162\040\141\165\164\150
\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061
\105\060\103\006\003\125\004\003\023\074\126\145\162\151\123\151
\147\156\040\103\154\141\163\163\040\062\040\120\165\142\154\151
\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\063\060\036\027\015\071\071\061\060\060\061
\060\060\060\060\060\060\132\027\015\063\066\060\067\061\066\062
\063\065\071\065\071\132\060\201\312\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\027\060\025\006\003\125\004\012\023
\016\126\145\162\151\123\151\147\156\054\040\111\156\143\056\061
\037\060\035\006\003\125\004\013\023\026\126\145\162\151\123\151
\147\156\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\072\060\070\006\003\125\004\013\023\061\050\143\051\040\061
\071\071\071\040\126\145\162\151\123\151\147\156\054\040\111\156
\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151

\172\145\144\040\165\163\145\040\157\156\154\171\061\105\060\103
\006\003\125\004\003\023\074\126\145\162\151\123\151\147\156\040
\103\154\141\163\163\040\062\040\120\165\142\154\151\143\040\120
\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055
\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\257\012\015\302\325\054\333\147\271\055\345\224
\047\335\245\276\340\260\115\217\263\141\126\074\326\174\303\364
\315\076\206\313\242\210\342\341\330\244\151\305\265\342\277\301
\246\107\120\136\106\071\213\325\226\272\265\157\024\277\020\316
\047\023\236\005\107\233\061\172\023\330\037\331\323\002\067\213
\255\054\107\360\216\201\006\247\015\060\014\353\367\074\017\040
\035\334\162\106\356\245\002\310\133\303\311\126\151\114\305\030
\301\221\173\013\325\023\000\233\274\357\303\110\076\106\140\040
\205\052\325\220\266\315\213\240\314\062\335\267\375\100\125\262
\120\034\126\256\314\215\167\115\307\040\115\247\061\166\357\150
\222\212\220\036\010\201\126\262\255\151\243\122\320\313\034\304
\043\075\037\231\376\114\350\026\143\216\306\010\216\366\061\366
\322\372\345\166\335\265\034\222\243\111\315\315\001\315\150\315
\251\151\272\243\353\035\015\234\244\040\246\301\240\305\321\106
\114\027\155\322\254\146\077\226\214\340\204\324\066\377\042\131
\305\371\021\140\250\137\004\175\362\032\366\045\102\141\017\304
\112\270\076\211\002\003\001\000\001\060\015\006\011\052\206\110
\206\367\015\001\001\005\005\000\003\202\001\001\000\064\046\025
\074\300\215\115\103\111\035\275\351\041\222\327\146\234\267\336
\305\270\320\344\135\137\166\042\300\046\371\204\072\072\371\214
\265\373\354\140\361\350\316\004\260\310\335\247\003\217\060\363
\230\337\244\346\244\061\337\323\034\013\106\334\162\040\077\256
\356\005\074\244\063\077\013\071\254\160\170\163\113\231\053\337
\060\302\124\260\250\073\125\241\376\026\050\315\102\275\164\156
\200\333\047\104\247\316\104\135\324\033\220\230\015\036\102\224
\261\000\054\004\320\164\243\002\005\042\143\143\315\203\265\373
\301\155\142\153\151\165\375\135\160\101\271\365\277\174\337\276
\301\062\163\042\041\213\130\201\173\025\221\172\272\343\144\110
\260\177\373\066\045\332\225\320\361\044\024\027\335\030\200\153
\106\043\071\124\365\216\142\011\004\035\224\220\246\233\346\045
\342\102\105\252\270\220\255\276\010\217\251\013\102\030\224\317
\162\071\341\261\103\340\050\317\267\347\132\154\023\153\111\263
\377\343\030\174\211\213\063\135\254\063\327\247\371\332\072\125
\311\130\020\371\252\357\132\266\317\113\113\337\052

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER MULTILINE_OCTAL

\062\062\060\070\063\061\060\060\060\060\060\060\132

END

```
# Trust for "Verisign Class 2 Public Primary Certification Authority - G3"
# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:61:70:cb:49:8c:5f:98:45:29:e7:b0:a6:d9:50:5b:7a
# Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (SHA-256):
92:A9:D9:83:3F:E1:94:4D:B3:66:E8:BF:AE:7A:95:B6:48:0C:2D:6C:6C:2A:1B:E6:5D:42:36:B6:08:FC:A1:BB
# Fingerprint (SHA1): 61:EF:43:D7:7F:CA:D4:61:51:BC:98:E0:C3:59:12:AF:9F:EB:63:11
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\141\357\103\327\177\312\324\141\121\274\230\340\303\131\022\257
\237\353\143\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\276\304\143\042\311\250\106\164\213\270\035\036\112\053\366
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\141\160\313\111\214\137\230\105\051\347\260\246\331\120
\133\172
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
```

```
# Certificate "Entrust.net Premium 2048 Secure Server CA"
#
# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Serial Number: 946069240 (0x3863def8)
# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Not Valid Before: Fri Dec 24 17:50:51 1999
# Not Valid After : Tue Jul 24 14:15:12 2029
# Fingerprint (SHA-256):
6D:C4:71:72:E0:1C:BC:B0:BF:62:58:0D:89:5F:E2:B8:AC:9A:D4:F8:73:80:1E:0C:10:B9:C8:37:D2:1E:B1:77
# Fingerprint (SHA1): 50:30:06:09:1D:97:D4:F5:AE:39:F7:CB:E7:92:7D:7D:65:2D:34:31
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

\002\004\070\143\336\370

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\052\060\202\003\022\240\003\002\001\002\002\004\070
\143\336\370\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\201\264\061\024\060\022\006\003\125\004\012\023\013
\105\156\164\162\165\163\164\056\156\145\164\061\100\060\076\006
\003\125\004\013\024\067\167\167\167\056\145\156\164\162\165\163
\164\056\156\145\164\057\103\120\123\137\062\060\064\070\040\151
\156\143\157\162\160\056\040\142\171\040\162\145\146\056\040\050
\154\151\155\151\164\163\040\154\151\141\142\056\051\061\045\060
\043\006\003\125\004\013\023\034\050\143\051\040\061\071\071\071
\040\105\156\164\162\165\163\164\056\156\145\164\040\114\151\155
\151\164\145\144\061\063\060\061\006\003\125\004\003\023\052\105
\156\164\162\165\163\164\056\156\145\164\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\050\062\060\064\070\051\060\036\027\015\071\071\061
\062\062\064\061\067\065\060\065\061\132\027\015\062\071\060\067
\062\064\061\064\061\065\061\062\132\060\201\264\061\024\060\022
\006\003\125\004\012\023\013\105\156\164\162\165\163\164\056\156
\145\164\061\100\060\076\006\003\125\004\013\024\067\167\167\167
\056\145\156\164\162\165\163\164\056\156\145\164\057\103\120\123
\137\062\060\064\070\040\151\156\143\157\162\160\056\040\142\171
\040\162\145\146\056\040\050\154\151\155\151\164\163\040\154\151
\141\142\056\051\061\045\060\043\006\003\125\004\013\023\034\050
\143\051\040\061\071\071\071\040\105\156\164\162\165\163\164\056
\156\145\164\040\114\151\155\151\164\145\144\061\063\060\061\006
\003\125\004\003\023\052\105\156\164\162\165\163\164\056\156\145
\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\101\165\164\150\157\162\151\164\171\040\050\062\060\064\070\051
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001
\000\255\115\113\251\022\206\262\352\243\040\007\025\026\144\052
\053\113\321\277\013\112\115\216\355\200\166\245\147\267\170\100
\300\163\102\310\150\300\333\123\053\335\136\270\166\230\065\223
\213\032\235\174\023\072\016\037\133\267\036\317\345\044\024\036
\261\201\251\215\175\270\314\153\113\003\361\002\014\334\253\245
\100\044\000\177\164\224\241\235\010\051\263\210\013\365\207\167
\235\125\315\344\303\176\327\152\144\253\205\024\206\225\133\227
\062\120\157\075\310\272\146\014\343\374\275\270\111\301\166\211
\111\031\375\300\250\275\211\243\147\057\306\237\274\161\031\140
\270\055\351\054\311\220\166\146\173\224\342\257\170\326\145\123
\135\074\326\234\262\317\051\003\371\057\244\120\262\324\110\316
\005\062\125\212\375\262\144\114\016\344\230\007\165\333\177\337
\271\010\125\140\205\060\051\371\173\110\244\151\206\343\065\077
\036\206\135\172\172\025\275\357\000\216\025\042\124\027\000\220
\046\223\274\016\111\150\221\277\370\107\323\235\225\102\301\016
\115\337\157\046\317\303\030\041\142\146\103\160\326\325\300\007

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\341\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125
\035\016\004\026\004\024\125\344\201\321\021\200\276\330\211\271
\010\243\061\371\241\044\011\026\271\160\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\073\233
\217\126\233\060\347\123\231\174\172\171\247\115\227\327\031\225
\220\373\006\037\312\063\174\106\143\217\226\146\044\372\100\033
\041\047\312\346\162\163\362\117\376\061\231\375\310\014\114\150
\123\306\200\202\023\230\372\266\255\332\135\075\361\316\156\366
\025\021\224\202\014\356\077\225\257\021\253\017\327\057\336\037
\003\217\127\054\036\311\273\232\032\104\225\353\030\117\246\037
\315\175\127\020\057\233\004\011\132\204\265\156\330\035\072\341
\326\236\321\154\171\136\171\034\024\305\343\320\114\223\073\145
\074\355\337\075\276\246\345\225\032\303\265\031\303\275\136\133
\273\377\043\357\150\031\313\022\223\047\134\003\055\157\060\320
\036\266\032\254\336\132\367\321\252\250\047\246\376\171\201\304
\171\231\063\127\272\022\260\251\340\102\154\223\312\126\336\376
\155\204\013\010\213\176\215\352\327\230\041\306\363\347\074\171
\057\136\234\321\114\025\215\341\354\042\067\314\232\103\013\227
\334\200\220\215\263\147\233\157\110\010\025\126\317\277\361\053
\174\136\232\166\351\131\220\305\174\203\065\021\145\121
```

END

CKA_NSS_Mozilla_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Entrust.net Premium 2048 Secure Server CA"

Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net

Serial Number: 946069240 (0x3863def8)

Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net

Not Valid Before: Fri Dec 24 17:50:51 1999

Not Valid After : Tue Jul 24 14:15:12 2029

Fingerprint (SHA-256):

6D:C4:71:72:E0:1C:BC:B0:BF:62:58:0D:89:5F:E2:B8:AC:9A:D4:F8:73:80:1E:0C:10:B9:C8:37:D2:1E:B1:77

Fingerprint (SHA1): 50:30:06:09:1D:97:D4:F5:AE:39:F7:CB:E7:92:7D:7D:65:2D:34:31

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

```
\120\060\006\011\035\227\324\365\256\071\367\313\347\222\175\175
\145\055\064\061
```

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\356\051\061\274\062\176\232\346\350\265\367\121\264\064\161\220

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\070\143\336\370

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Baltimore CyberTrust Root"

#

Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE

Serial Number: 33554617 (0x20000b9)

Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE

Not Valid Before: Fri May 12 18:46:00 2000

Not Valid After : Mon May 12 23:59:00 2025

Fingerprint (SHA-256):

16:AF:57:A9:F6:76:B0:AB:12:60:95:AA:5E:BA:DE:F2:2A:B3:11:19:D6:44:AC:95:CD:4B:93:DB:F3:F2:6A:EB

Fingerprint (SHA1): D4:DE:20:D0:5E:66:FC:53:FE:1A:50:88:2C:78:DB:28:52:CA:E4:74

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Baltimore CyberTrust Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\002\000\000\271

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\167\060\202\002\137\240\003\002\001\002\002\004\002
\000\000\271\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\111
\105\061\022\060\020\006\003\125\004\012\023\011\102\141\154\164
\151\155\157\162\145\061\023\060\021\006\003\125\004\013\023\012
\103\171\142\145\162\124\162\165\163\164\061\042\060\040\006\003
\125\004\003\023\031\102\141\154\164\151\155\157\162\145\040\103
\171\142\145\162\124\162\165\163\164\040\122\157\157\164\060\036
\027\015\060\060\060\065\061\062\061\070\064\066\060\060\132\027
\015\062\065\060\065\061\062\062\063\065\071\060\060\132\060\132
\061\013\060\011\006\003\125\004\006\023\002\111\105\061\022\060
\020\006\003\125\004\012\023\011\102\141\154\164\151\155\157\162
\145\061\023\060\021\006\003\125\004\013\023\012\103\171\142\145
\162\124\162\165\163\164\061\042\060\040\006\003\125\004\003\023
\031\102\141\154\164\151\155\157\162\145\040\103\171\142\145\162
\124\162\165\163\164\040\122\157\157\164\060\202\001\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001
\017\000\060\202\001\012\002\202\001\001\000\243\004\273\042\253
\230\075\127\350\046\162\232\265\171\324\051\342\341\350\225\200
\261\260\343\133\216\053\051\232\144\337\241\135\355\260\011\005
\155\333\050\056\316\142\242\142\376\264\210\332\022\353\070\353
\041\235\300\101\053\001\122\173\210\167\323\034\217\307\272\271
\210\265\152\011\347\163\350\021\100\247\321\314\312\142\215\055
\345\217\013\246\120\322\250\120\303\050\352\365\253\045\207\212
\232\226\034\251\147\270\077\014\325\367\371\122\023\057\302\033
\325\160\160\360\217\300\022\312\006\313\232\341\331\312\063\172
\167\326\370\354\271\361\150\104\102\110\023\322\300\302\244\256
\136\140\376\266\246\005\374\264\335\007\131\002\324\131\030\230
\143\365\245\143\340\220\014\175\135\262\006\172\363\205\352\353
\324\003\256\136\204\076\137\377\025\355\151\274\371\071\066\162
\165\317\167\122\115\363\311\220\054\271\075\345\311\043\123\077
\037\044\230\041\134\007\231\051\275\306\072\354\347\156\206\072
\153\227\164\143\063\275\150\030\061\360\170\215\166\277\374\236
\216\135\052\206\247\115\220\334\047\032\071\002\003\001\000\001

```
\243\105\060\103\060\035\006\003\125\035\016\004\026\004\024\345
\235\131\060\202\107\130\314\254\372\010\124\066\206\173\072\265
\004\115\360\060\022\006\003\125\035\023\001\001\377\004\010\060
\006\001\001\377\002\001\003\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\003\202\001\001\000\205\014\135\216\344
\157\121\150\102\005\240\335\273\117\047\045\204\003\275\367\144
\375\055\327\060\343\244\020\027\353\332\051\051\266\171\077\166
\366\031\023\043\270\020\012\371\130\244\324\141\160\275\004\141
\152\022\212\027\325\012\275\305\274\060\174\326\351\014\045\215
\206\100\117\354\314\243\176\070\306\067\021\117\355\335\150\061
\216\114\322\263\001\164\356\276\165\136\007\110\032\177\160\377
\026\134\204\300\171\205\270\005\375\177\276\145\021\243\017\300
\002\264\370\122\067\071\004\325\251\061\172\030\277\240\052\364
\022\231\367\243\105\202\343\074\136\365\235\236\265\310\236\174
\056\310\244\236\116\010\024\113\155\375\160\155\153\032\143\275
\144\346\037\267\316\360\362\237\056\273\033\267\362\120\210\163
\222\302\342\343\026\215\232\062\002\253\216\030\335\351\020\021
\356\176\065\253\220\257\076\060\224\172\320\063\075\247\145\017
\365\374\216\236\142\317\107\104\054\001\135\273\035\265\062\322
\107\322\070\056\320\376\201\334\062\152\036\265\356\074\325\374
\347\201\035\031\303\044\102\352\143\071\251
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Baltimore CyberTrust Root"

Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE

Serial Number: 33554617 (0x20000b9)

Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE

Not Valid Before: Fri May 12 18:46:00 2000

Not Valid After : Mon May 12 23:59:00 2025

Fingerprint (SHA-256):

16:AF:57:A9:F6:76:B0:AB:12:60:95:AA:5E:BA:DE:F2:2A:B3:11:19:D6:44:AC:95:CD:4B:93:DB:F3:F2:6A:EB

Fingerprint (SHA1): D4:DE:20:D0:5E:66:FC:53:FE:1A:50:88:2C:78:DB:28:52:CA:E4:74

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Baltimore CyberTrust Root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

```
\324\336\040\320\136\146\374\123\376\032\120\210\054\170\333\050
\122\312\344\164
```

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

```
\254\266\224\245\234\027\340\327\221\122\233\261\227\006\246\344
```

END

CKA_ISSUER MULTILINE_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\002\000\000\271

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Entrust Root Certification Authority"

#

Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
incorporated by reference,O="Entrust, Inc.",C=US

Serial Number: 1164660820 (0x456b5054)

Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
incorporated by reference,O="Entrust, Inc.",C=US

Not Valid Before: Mon Nov 27 20:23:42 2006

Not Valid After : Fri Nov 27 20:53:42 2026

Fingerprint (SHA-256):

73:C1:76:43:4F:1B:C6:D5:AD:F4:5B:0E:76:E7:27:28:7C:8D:E5:76:16:C1:E6:E6:14:1A:2B:2C:BC:7D:8E:4C

Fingerprint (SHA1): B3:1E:B1:B7:40:E3:6C:84:02:DA:DC:37:D4:4D:F5:D4:67:49:52:F9

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Entrust Root Certification Authority"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\105\153\120\124

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\221\060\202\003\171\240\003\002\001\002\002\004\105
\153\120\124\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\201\260\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164
\162\165\163\164\054\040\111\156\143\056\061\071\060\067\006\003
\125\004\013\023\060\167\167\167\056\145\156\164\162\165\163\164
\056\156\145\164\057\103\120\123\040\151\163\040\151\156\143\157
\162\160\157\162\141\164\145\144\040\142\171\040\162\145\146\145
\162\145\156\143\145\061\037\060\035\006\003\125\004\013\023\026
\050\143\051\040\062\060\060\066\040\105\156\164\162\165\163\164
\054\040\111\156\143\056\061\055\060\053\006\003\125\004\003\023
\044\105\156\164\162\165\163\164\040\122\157\157\164\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171\060\036\027\015\060\066\061\061\062\067\062
\060\062\063\064\062\132\027\015\062\066\061\061\062\067\062\060
\065\063\064\062\132\060\201\260\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015
\105\156\164\162\165\163\164\054\040\111\156\143\056\061\071\060
\067\006\003\125\004\013\023\060\167\167\167\056\145\156\164\162
\165\163\164\056\156\145\164\057\103\120\123\040\151\163\040\151
\156\143\157\162\160\157\162\141\164\145\144\040\142\171\040\162
\145\146\145\162\145\156\143\145\061\037\060\035\006\003\125\004
\013\023\026\050\143\051\040\062\060\060\066\040\105\156\164\162
\165\163\164\054\040\111\156\143\056\061\055\060\053\006\003\125
\004\003\023\044\105\156\164\162\165\163\164\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\060\202\001\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000

\060\202\001\012\002\202\001\001\000\266\225\266\103\102\372\306
\155\052\157\110\337\224\114\071\127\005\356\303\171\021\101\150
\066\355\354\376\232\001\217\241\070\050\374\367\020\106\146\056
\115\036\032\261\032\116\306\321\300\225\210\260\311\377\061\213
\063\003\333\267\203\173\076\040\204\136\355\262\126\050\247\370
\340\271\100\161\067\305\313\107\016\227\052\150\300\042\225\142
\025\333\107\331\365\320\053\377\202\113\311\255\076\336\114\333
\220\200\120\077\011\212\204\000\354\060\012\075\030\315\373\375
\052\131\232\043\225\027\054\105\236\037\156\103\171\155\014\134
\230\376\110\247\305\043\107\134\136\375\156\347\036\264\366\150
\105\321\206\203\133\242\212\215\261\343\051\200\376\045\161\210
\255\276\274\217\254\122\226\113\252\121\215\344\023\061\031\350
\116\115\237\333\254\263\152\325\274\071\124\161\312\172\172\177
\220\335\175\035\200\331\201\273\131\046\302\021\376\346\223\342
\367\200\344\145\373\064\067\016\051\200\160\115\257\070\206\056
\236\177\127\257\236\027\256\353\034\313\050\041\137\266\034\330
\347\242\004\042\371\323\332\330\313\002\003\001\000\001\243\201
\260\060\201\255\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\053\006\003\125\035\020\004\044\060\042
\200\017\062\060\060\066\061\061\062\067\062\060\062\063\064\062
\132\201\017\062\060\062\066\061\061\062\067\062\060\065\063\064
\062\132\060\037\006\003\125\035\043\004\030\060\026\200\024\150
\220\344\147\244\246\123\200\307\206\146\244\361\367\113\103\373
\204\275\155\060\035\006\003\125\035\016\004\026\004\024\150\220
\344\147\244\246\123\200\307\206\146\244\361\367\113\103\373\204
\275\155\060\035\006\011\052\206\110\206\366\175\007\101\000\004
\020\060\016\033\010\126\067\056\061\072\064\056\060\003\002\004
\220\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\223\324\060\260\327\003\040\052\320\371\143
\350\221\014\005\040\251\137\031\312\173\162\116\324\261\333\320
\226\373\124\132\031\054\014\010\367\262\274\205\250\235\177\155
\073\122\263\052\333\347\324\204\214\143\366\017\313\046\001\221
\120\154\364\137\024\342\223\164\300\023\236\060\072\120\343\264
\140\305\034\360\042\104\215\161\107\254\310\032\311\351\233\232
\000\140\023\377\160\176\137\021\115\111\033\263\025\122\173\311
\124\332\277\235\225\257\153\232\330\236\351\361\344\103\215\342
\021\104\072\277\257\275\203\102\163\122\213\252\273\247\051\317
\365\144\034\012\115\321\274\252\254\237\052\320\377\177\177\332
\175\352\261\355\060\045\301\204\332\064\322\133\170\203\126\354
\234\066\303\046\342\021\366\147\111\035\222\253\214\373\353\377
\172\356\205\112\247\120\200\360\247\134\112\224\056\137\005\231
\074\122\101\340\315\264\143\317\001\103\272\234\203\334\217\140
\073\363\132\264\264\173\256\332\013\220\070\165\357\201\035\146
\322\367\127\160\066\263\277\374\050\257\161\045\205\133\023\376
\036\177\132\264\074

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Entrust Root Certification Authority"

Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is incorporated by reference,O="Entrust, Inc.",C=US

Serial Number: 1164660820 (0x456b5054)

Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is incorporated by reference,O="Entrust, Inc.",C=US

Not Valid Before: Mon Nov 27 20:23:42 2006

Not Valid After : Fri Nov 27 20:53:42 2026

Fingerprint (SHA-256):

73:C1:76:43:4F:1B:C6:D5:AD:F4:5B:0E:76:E7:27:28:7C:8D:E5:76:16:C1:E6:E6:14:1A:2B:2C:BC:7D:8E:4C

Fingerprint (SHA1): B3:1E:B1:B7:40:E3:6C:84:02:DA:DC:37:D4:4D:F5:D4:67:49:52:F9

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Entrust Root Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\263\036\261\267\100\343\154\204\002\332\334\067\324\115\365\324
\147\111\122\371

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\326\245\303\355\135\335\076\000\301\075\207\222\037\035\077\344

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\105\153\120\124

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

#
# Certificate "Certum Root CA"
#
# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Serial Number: 65568 (0x10020)
# Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Not Valid Before: Tue Jun 11 10:46:39 2002
# Not Valid After : Fri Jun 11 10:46:39 2027
# Fingerprint (SHA-256):
D8:E0:FE:BC:1D:B2:E3:8D:00:94:0F:37:D2:7D:41:34:4D:99:3E:73:4B:99:D5:65:6D:97:78:D4:D8:14:36:24
# Fingerprint (SHA1): 62:52:DC:40:F7:11:43:A2:2F:DE:9E:F7:34:8E:06:42:51:B1:81:18
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\000\040
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\014\060\202\001\364\240\003\002\001\002\002\003\001
\000\040\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060
\020\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103
\101\060\036\027\015\060\062\060\066\061\061\061\060\064\066\063
\071\132\027\015\062\067\060\066\061\061\061\060\064\066\063\071
\132\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060
\020\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103
\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001

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\001\000\316\261\301\056\323\117\174\315\045\316\030\076\117\304
\214\157\200\152\163\310\133\121\370\233\322\334\273\000\134\261
\240\374\165\003\356\201\360\210\356\043\122\351\346\025\063\215
\254\055\011\305\166\371\053\071\200\211\344\227\113\220\245\250
\170\370\163\103\173\244\141\260\330\130\314\341\154\146\176\234
\363\011\136\125\143\204\325\250\357\363\261\056\060\150\263\304
\074\330\254\156\215\231\132\220\116\064\334\066\232\217\201\210
\120\267\155\226\102\011\363\327\225\203\015\101\113\260\152\153
\370\374\017\176\142\237\147\304\355\046\137\020\046\017\010\117
\360\244\127\050\316\217\270\355\105\366\156\356\045\135\252\156
\071\276\344\223\057\331\107\240\162\353\372\246\133\257\312\123
\077\342\016\306\226\126\021\156\367\351\146\251\046\330\177\225
\123\355\012\205\210\272\117\051\245\102\214\136\266\374\205\040
\000\252\150\013\241\032\205\001\234\304\106\143\202\210\266\042
\261\356\376\252\106\131\176\317\065\054\325\266\332\135\367\110
\063\024\124\266\353\331\157\316\315\210\326\253\033\332\226\073
\035\131\002\003\001\000\001\243\023\060\021\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006\011
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000
\270\215\316\357\347\024\272\317\356\260\104\222\154\264\071\076
\242\204\156\255\270\041\167\322\324\167\202\207\346\040\101\201
\356\342\370\021\267\143\321\027\067\276\031\166\044\034\004\032
\114\353\075\252\147\157\055\324\315\376\145\061\160\305\033\246
\002\012\272\140\173\155\130\302\232\111\376\143\062\013\153\343
\072\300\254\253\073\260\350\323\011\121\214\020\203\306\064\340
\305\053\340\032\266\140\024\047\154\062\167\214\274\262\162\230
\317\315\314\077\271\310\044\102\024\326\127\374\346\046\103\251
\035\345\200\220\316\003\124\050\076\367\077\323\370\115\355\152
\012\072\223\023\233\073\024\043\023\143\234\077\321\207\047\171
\345\114\121\343\001\255\205\135\032\073\261\325\163\020\244\323
\362\274\156\144\365\132\126\220\250\307\016\114\164\017\056\161
\073\367\310\107\364\151\157\025\362\021\136\203\036\234\174\122
\256\375\002\332\022\250\131\147\030\333\274\160\335\233\261\151
\355\200\316\211\100\110\152\016\065\312\051\146\025\041\224\054
\350\140\052\233\205\112\100\363\153\212\044\354\006\026\054\163
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Certum Root CA"

Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL

Serial Number: 65568 (0x10020)

Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL

Not Valid Before: Tue Jun 11 10:46:39 2002

Not Valid After : Fri Jun 11 10:46:39 2027

Fingerprint (SHA-256):

D8:E0:FE:BC:1D:B2:E3:8D:00:94:0F:37:D2:7D:41:34:4D:99:3E:73:4B:99:D5:65:6D:97:78:D4:D8:14:36:24

```

# Fingerprint (SHA1): 62:52:DC:40:F7:11:43:A2:2F:DE:9E:F7:34:8E:06:42:51:B1:81:18
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\142\122\334\100\367\021\103\242\057\336\236\367\064\216\006\102
\121\261\201\030
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\054\217\237\146\035\030\220\261\107\046\235\216\206\202\214\251
END
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\000\040
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Comodo AAA Services root"
#
# Issuer: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number: 1 (0x1)
# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Thu Jan 01 00:00:00 2004
# Not Valid After : Sun Dec 31 23:59:59 2028
# Fingerprint (SHA-256):
D7:A7:A0:FB:5D:7E:27:31:D7:71:E9:48:4E:BC:DE:F7:1D:5F:0C:3E:0A:29:48:78:2B:C8:3E:E0:EA:69:9E:F4
# Fingerprint (SHA1): D1:EB:23:A4:6D:17:D6:8F:D9:25:64:C2:F1:F1:60:17:64:D8:E3:49
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Comodo AAA Services root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016

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\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\062\060\202\003\032\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033
\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145\162
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006
\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032\060
\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040\103
\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003\125
\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151\143
\141\164\145\040\123\145\162\166\151\143\145\163\060\036\027\015
\060\064\060\061\060\061\060\060\060\060\060\060\132\027\015\062
\070\061\062\063\061\062\063\065\071\065\071\132\060\173\061\013
\060\011\006\003\125\004\006\023\002\107\102\061\033\060\031\006
\003\125\004\010\014\022\107\162\145\141\164\145\162\040\115\141
\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004
\007\014\007\123\141\154\146\157\162\144\061\032\060\030\006\003
\125\004\012\014\021\103\157\155\157\144\157\040\103\101\040\114
\151\155\151\164\145\144\061\041\060\037\006\003\125\004\003\014
\030\101\101\101\040\103\145\162\164\151\146\151\143\141\164\145
\040\123\145\162\166\151\143\145\163\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\276\100\235\364\156\341
\352\166\207\034\115\105\104\216\276\106\310\203\006\235\301\052
\376\030\037\216\344\002\372\363\253\135\120\212\026\061\013\232
\006\320\305\160\042\315\111\055\124\143\314\266\156\150\106\013
\123\352\313\114\044\300\274\162\116\352\361\025\256\364\124\232
\022\012\303\172\262\063\140\342\332\211\125\363\042\130\363\336

\334\317\357\203\206\242\214\224\117\237\150\362\230\220\106\204
\047\307\166\277\343\314\065\054\213\136\007\144\145\202\300\110
\260\250\221\371\141\237\166\040\120\250\221\307\146\265\353\170
\142\003\126\360\212\032\023\352\061\243\036\240\231\375\070\366
\366\047\062\130\157\007\365\153\270\373\024\053\257\267\252\314
\326\143\137\163\214\332\005\231\250\070\250\313\027\170\066\121
\254\351\236\364\170\072\215\317\017\331\102\342\230\014\253\057
\237\016\001\336\357\237\231\111\361\055\337\254\164\115\033\230
\265\107\305\345\051\321\371\220\030\307\142\234\276\203\307\046
\173\076\212\045\307\300\335\235\346\065\150\020\040\235\217\330
\336\322\303\204\234\015\136\350\057\311\002\003\001\000\001\243
\201\300\060\201\275\060\035\006\003\125\035\016\004\026\004\024
\240\021\012\043\076\226\361\007\354\342\257\051\357\202\245\177
\320\060\244\264\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\173\006\003\125\035\037\004\164\060\162
\060\070\240\066\240\064\206\062\150\164\164\160\072\057\057\143
\162\154\056\143\157\155\157\144\157\143\141\056\143\157\155\057
\101\101\101\103\145\162\164\151\146\151\143\141\164\145\123\145
\162\166\151\143\145\163\056\143\162\154\060\066\240\064\240\062
\206\060\150\164\164\160\072\057\057\143\162\154\056\143\157\155
\157\144\157\056\156\145\164\057\101\101\101\103\145\162\164\151
\146\151\143\141\164\145\123\145\162\166\151\143\145\163\056\143
\162\154\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\003\202\001\001\000\010\126\374\002\360\233\350\377\244\372
\326\173\306\104\200\316\117\304\305\366\000\130\314\246\266\274
\024\111\150\004\166\350\346\356\135\354\002\017\140\326\215\120
\030\117\046\116\001\343\346\260\245\356\277\274\164\124\101\277
\375\374\022\270\307\117\132\364\211\140\005\177\140\267\005\112
\363\366\361\302\277\304\271\164\206\266\055\175\153\314\322\363
\106\335\057\306\340\152\303\303\064\003\054\175\226\335\132\302
\016\247\012\231\301\005\213\253\014\057\363\134\072\317\154\067
\125\011\207\336\123\100\154\130\357\374\266\253\145\156\004\366
\033\334\074\340\132\025\306\236\331\361\131\110\060\041\145\003
\154\354\351\041\163\354\233\003\241\340\067\255\240\025\030\217
\372\272\002\316\247\054\251\020\023\054\324\345\010\046\253\042
\227\140\370\220\136\164\324\242\232\123\275\362\251\150\340\242
\156\302\327\154\261\243\017\236\277\353\150\347\126\362\256\362
\343\053\070\072\011\201\265\153\205\327\276\055\355\077\032\267
\262\143\342\365\142\054\202\324\152\000\101\120\361\071\203\237
\225\351\066\226\230\156

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Comodo AAA Services root"

Issuer: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB

```
# Serial Number: 1 (0x1)
# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Thu Jan 01 00:00:00 2004
# Not Valid After : Sun Dec 31 23:59:59 2028
# Fingerprint (SHA-256):
D7:A7:A0:FB:5D:7E:27:31:D7:71:E9:48:4E:BC:DE:F7:1D:5F:0C:3E:0A:29:48:78:2B:C8:3E:E0:EA:69:9E:F4
# Fingerprint (SHA1): D1:EB:23:A4:6D:17:D6:8F:D9:25:64:C2:F1:F1:60:17:64:D8:E3:49
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Comodo AAA Services root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\321\353\043\244\155\027\326\217\331\045\144\302\361\361\140\027
\144\330\343\111
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\111\171\004\260\353\207\031\254\107\260\274\021\121\233\164\320
END
CKA_ISSUER MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 2"
#
# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Serial Number: 1289 (0x509)
# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 18:27:00 2006
# Not Valid After : Mon Nov 24 18:23:33 2031
# Fingerprint (SHA-256):
85:A0:DD:7D:D7:20:AD:B7:FF:05:F8:3D:54:2B:20:9D:C7:FF:45:28:F7:D6:77:B1:83:89:FE:A5:E5:C4:9E:86
# Fingerprint (SHA1): CA:3A:FB:CF:12:40:36:4B:44:B2:16:20:88:80:48:39:19:93:7C:F7
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\011
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\267\060\202\003\237\240\003\002\001\002\002\002\005
\011\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\060\036\027\015\060\066\061\061\062
\064\061\070\062\067\060\060\132\027\015\063\061\061\061\062\064
\061\070\062\063\063\063\132\060\105\061\013\060\011\006\003\125
\004\006\023\002\102\115\061\031\060\027\006\003\125\004\012\023
\020\121\165\157\126\141\144\151\163\040\114\151\155\151\164\145
\144\061\033\060\031\006\003\125\004\003\023\022\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\101\040\062\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\232
\030\312\113\224\015\000\055\257\003\051\212\360\017\201\310\256
\114\031\205\035\010\237\253\051\104\205\363\057\201\255\062\036
\220\106\277\243\206\046\032\036\376\176\034\030\072\134\234\140
\027\052\072\164\203\063\060\175\141\124\021\313\355\253\340\346
\322\242\176\365\153\157\030\267\012\013\055\375\351\076\357\012
\306\263\020\351\334\302\106\027\370\135\375\244\332\377\236\111
\132\234\346\063\346\044\226\367\077\272\133\053\034\172\065\302
\326\147\376\253\146\120\213\155\050\140\053\357\327\140\303\307
```

\223\274\215\066\221\363\177\370\333\021\023\304\234\167\166\301
\256\267\002\152\201\172\251\105\203\342\005\346\271\126\301\224
\067\217\110\161\143\042\354\027\145\007\225\212\113\337\217\306
\132\012\345\260\343\137\136\153\021\253\014\371\205\353\104\351
\370\004\163\362\351\376\134\230\214\365\163\257\153\264\176\315
\324\134\002\053\114\071\341\262\225\225\055\102\207\327\325\263
\220\103\267\154\023\361\336\335\366\304\370\211\077\321\165\365
\222\303\221\325\212\210\320\220\354\334\155\336\211\302\145\161
\226\213\015\003\375\234\277\133\026\254\222\333\352\376\171\174
\255\353\257\367\026\313\333\315\045\053\345\037\373\232\237\342
\121\314\072\123\014\110\346\016\275\311\264\166\006\122\346\021
\023\205\162\143\003\004\340\004\066\053\040\031\002\350\164\247
\037\266\311\126\146\360\165\045\334\147\301\016\141\140\210\263
\076\321\250\374\243\332\035\260\321\261\043\124\337\104\166\155
\355\101\330\301\262\042\266\123\034\337\065\035\334\241\167\052
\061\344\055\365\345\345\333\310\340\377\345\200\327\013\143\240
\377\063\241\017\272\054\025\025\352\227\263\322\242\265\276\362
\214\226\036\032\217\035\154\244\141\067\271\206\163\063\327\227
\226\236\043\175\202\244\114\201\342\241\321\272\147\137\225\007
\243\047\021\356\026\020\173\274\105\112\114\262\004\322\253\357
\325\375\014\121\316\120\152\010\061\371\221\332\014\217\144\134
\003\303\072\213\040\077\156\215\147\075\072\326\376\175\133\210
\311\136\373\314\141\334\213\063\167\323\104\062\065\011\142\004
\222\026\020\330\236\047\107\373\073\041\343\370\353\035\133\002
\003\001\000\001\243\201\260\060\201\255\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003\125
\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016\004
\026\004\024\032\204\142\274\110\114\063\045\004\324\356\320\366
\003\304\031\106\321\224\153\060\156\006\003\125\035\043\004\147
\060\145\200\024\032\204\142\274\110\114\063\045\004\324\356\320
\366\003\304\031\106\321\224\153\241\111\244\107\060\105\061\013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\033\060\031\006\003\125\004\003\023
\022\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\062\202\002\005\011\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\003\202\002\001\000\076\012\026\115\237
\006\133\250\256\161\135\057\005\057\147\346\023\105\203\304\066
\366\363\300\046\014\015\265\107\144\135\370\264\162\311\106\245
\003\030\047\125\211\170\175\166\352\226\064\200\027\040\334\347
\203\370\215\374\007\270\332\137\115\056\147\262\204\375\331\104
\374\167\120\201\346\174\264\311\015\013\162\123\370\166\007\007
\101\107\226\014\373\340\202\046\223\125\214\376\042\037\140\145
\174\137\347\046\263\367\062\220\230\120\324\067\161\125\366\222
\041\170\367\225\171\372\370\055\046\207\146\126\060\167\246\067
\170\063\122\020\130\256\077\141\216\362\152\261\357\030\176\112
\131\143\312\215\242\126\325\247\057\274\126\037\317\071\301\342
\373\012\250\025\054\175\115\172\143\306\154\227\104\074\322\157

```
\303\112\027\012\370\220\322\127\242\031\121\245\055\227\101\332
\007\117\251\120\332\220\215\224\106\341\076\360\224\375\020\000
\070\365\073\350\100\341\264\156\126\032\040\314\157\130\215\355
\056\105\217\326\351\223\077\347\261\054\337\072\326\042\214\334
\204\273\042\157\320\370\344\306\071\351\004\210\074\303\272\353
\125\172\155\200\231\044\365\154\001\373\370\227\260\224\133\353
\375\322\157\361\167\150\015\065\144\043\254\270\125\241\003\321
\115\102\031\334\370\165\131\126\243\371\250\111\171\370\257\016
\271\021\240\174\267\152\355\064\320\266\046\142\070\032\207\014
\370\350\375\056\323\220\177\007\221\052\035\326\176\134\205\203
\231\260\070\010\077\351\136\371\065\007\344\311\142\156\127\177
\247\120\225\367\272\310\233\346\216\242\001\305\326\146\277\171
\141\363\074\034\341\271\202\134\135\240\303\351\330\110\275\031
\242\021\024\031\156\262\206\033\150\076\110\067\032\210\267\135
\226\136\234\307\357\047\142\010\342\221\031\134\322\361\041\335
\272\027\102\202\227\161\201\123\061\251\237\366\175\142\277\162
\341\243\223\035\314\212\046\132\011\070\320\316\327\015\200\026
\264\170\245\072\207\114\215\212\245\325\106\227\362\054\020\271
\274\124\042\300\001\120\151\103\236\364\262\357\155\370\354\332
\361\343\261\357\337\221\217\124\052\013\045\301\046\031\304\122
\020\005\145\325\202\020\352\302\061\315\056
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "QuoVadis Root CA 2"
```

```
# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
```

```
# Serial Number: 1289 (0x509)
```

```
# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
```

```
# Not Valid Before: Fri Nov 24 18:27:00 2006
```

```
# Not Valid After : Mon Nov 24 18:23:33 2031
```

```
# Fingerprint (SHA-256):
```

```
85:A0:DD:7D:D7:20:AD:B7:FF:05:F8:3D:54:2B:20:9D:C7:FF:45:28:F7:D6:77:B1:83:89:FE:A5:E5:C4:9E:86
```

```
# Fingerprint (SHA1): CA:3A:FB:CF:12:40:36:4B:44:B2:16:20:88:80:48:39:19:93:7C:F7
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "QuoVadis Root CA 2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\312\072\373\317\022\100\066\113\104\262\026\040\210\200\110\071
\031\223\174\367
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\136\071\173\335\370\272\354\202\351\254\142\272\014\124\000\053
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\002\005\011
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "QuoVadis Root CA 3"

#

Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM

Serial Number: 1478 (0x5c6)

Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM

Not Valid Before: Fri Nov 24 19:11:23 2006

Not Valid After : Mon Nov 24 19:06:44 2031

Fingerprint (SHA-256):

```
18:F1:FC:7F:20:5D:F8:AD:DD:EB:7F:E0:07:DD:57:E3:AF:37:5A:9C:4D:8D:73:54:6B:F4:F1:FE:D1:E1:8D:35
```

Fingerprint (SHA1): 1F:49:14:F7:D8:74:95:1D:DD:AE:02:C0:BE:FD:3A:2D:82:75:51:85

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "QuoVadis Root CA 3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\002\005\306
```

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\235\060\202\004\205\240\003\002\001\002\002\002\005
\306\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\060\036\027\015\060\066\061\061\062
\064\061\071\061\061\062\063\132\027\015\063\061\061\061\062\064
\061\071\060\066\064\064\132\060\105\061\013\060\011\006\003\125
\004\006\023\002\102\115\061\031\060\027\006\003\125\004\012\023
\020\121\165\157\126\141\144\151\163\040\114\151\155\151\164\145
\144\061\033\060\031\006\003\125\004\003\023\022\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\101\040\063\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\314
\127\102\026\124\234\346\230\323\323\115\356\376\355\307\237\103
\071\112\145\263\350\026\210\064\333\015\131\221\164\317\222\270
\004\100\255\002\113\061\253\274\215\221\150\330\040\016\032\001
\342\032\173\116\027\135\342\212\267\077\231\032\315\353\141\253
\302\145\246\037\267\267\275\267\217\374\375\160\217\013\240\147
\276\001\242\131\317\161\346\017\051\166\377\261\126\171\105\053
\037\236\172\124\350\243\051\065\150\244\001\117\017\244\056\067
\357\033\277\343\217\020\250\162\253\130\127\347\124\206\310\311
\363\133\332\054\332\135\216\156\074\243\076\332\373\202\345\335
\362\134\262\005\063\157\212\066\316\320\023\116\377\277\112\014
\064\114\246\303\041\275\120\004\125\353\261\273\235\373\105\036
\144\025\336\125\001\214\002\166\265\313\241\077\102\151\274\057
\275\150\103\026\126\211\052\067\141\221\375\246\256\116\300\313
\024\145\224\067\113\222\006\357\004\320\310\234\210\333\013\173
\201\257\261\075\052\304\145\072\170\266\356\334\200\261\322\323
\231\234\072\356\153\132\153\263\215\267\325\316\234\302\276\245
\113\057\026\261\236\150\073\006\157\256\175\237\370\336\354\314
\051\247\230\243\045\103\057\357\361\137\046\341\210\115\370\136
\156\327\331\024\156\031\063\151\247\073\204\211\223\304\123\125
\023\241\121\170\100\370\270\311\242\356\173\272\122\102\203\236
\024\355\005\122\132\131\126\247\227\374\235\077\012\051\330\334
\117\221\016\023\274\336\225\244\337\213\231\276\254\233\063\210
\357\265\201\257\033\306\042\123\310\366\307\356\227\024\260\305
\174\170\122\310\360\316\156\167\140\204\246\351\052\166\040\355
\130\001\027\060\223\351\032\213\340\163\143\331\152\222\224\111
\116\264\255\112\205\304\243\042\060\374\011\355\150\042\163\246
\210\014\125\041\130\305\341\072\237\052\335\312\341\220\340\331
\163\253\154\200\270\350\013\144\223\240\234\214\031\377\263\322
\014\354\221\046\207\212\263\242\341\160\217\054\012\345\315\155
\150\121\353\332\077\005\177\213\062\346\023\134\153\376\137\100
\342\042\310\264\264\144\117\326\272\175\110\076\250\151\014\327

\273\206\161\311\163\270\077\073\235\045\113\332\377\100\353\002
\003\001\000\001\243\202\001\225\060\202\001\221\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\201\341
\006\003\125\035\040\004\201\331\060\201\326\060\201\323\006\011
\053\006\001\004\001\276\130\000\003\060\201\305\060\201\223\006
\010\053\006\001\005\005\007\002\002\060\201\206\032\201\203\101
\156\171\040\165\163\145\040\157\146\040\164\150\151\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\143\157\156\163\164
\151\164\165\164\145\163\040\141\143\143\145\160\164\141\156\143
\145\040\157\146\040\164\150\145\040\121\165\157\126\141\144\151
\163\040\122\157\157\164\040\103\101\040\063\040\103\145\162\164
\151\146\151\143\141\164\145\040\120\157\154\151\143\171\040\057
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\120
\162\141\143\164\151\143\145\040\123\164\141\164\145\155\145\156
\164\056\060\055\006\010\053\006\001\005\005\007\002\001\026\041
\150\164\164\160\072\057\057\167\167\167\056\161\165\157\166\141
\144\151\163\147\154\157\142\141\154\056\143\157\155\057\143\160
\163\060\013\006\003\125\035\017\004\004\003\002\001\006\060\035
\006\003\125\035\016\004\026\004\024\362\300\023\340\202\103\076
\373\356\057\147\062\226\065\134\333\270\313\002\320\060\156\006
\003\125\035\043\004\147\060\145\200\024\362\300\023\340\202\103
\076\373\356\057\147\062\226\065\134\333\270\313\002\320\241\111
\244\107\060\105\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\033\060\031
\006\003\125\004\003\023\022\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\063\202\002\005\306\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001
\000\117\255\240\054\114\372\300\362\157\367\146\125\253\043\064
\356\347\051\332\303\133\266\260\203\331\320\320\342\041\373\363
\140\247\073\135\140\123\047\242\233\366\010\042\052\347\277\240
\162\345\234\044\152\061\261\220\172\047\333\204\021\211\047\246
\167\132\070\327\277\254\206\374\356\135\203\274\006\306\321\167
\153\017\155\044\057\113\172\154\247\007\226\312\343\204\237\255
\210\213\035\253\026\215\133\146\027\331\026\364\213\200\322\335
\370\262\166\303\374\070\023\252\014\336\102\151\053\156\363\074
\353\200\047\333\365\246\104\015\237\132\125\131\013\325\015\122
\110\305\256\237\362\057\200\305\352\062\120\065\022\227\056\301
\341\377\361\043\210\121\070\237\362\146\126\166\347\017\121\227
\245\122\014\115\111\121\225\066\075\277\242\113\014\020\035\206
\231\114\252\363\162\021\223\344\352\366\233\332\250\135\247\115
\267\236\002\256\163\000\310\332\043\003\350\371\352\031\164\142
\000\224\313\042\040\276\224\247\131\265\202\152\276\231\171\172
\251\362\112\044\122\367\164\375\272\116\346\250\035\002\156\261
\015\200\104\301\256\323\043\067\137\273\205\174\053\222\056\350
\176\245\213\335\231\341\277\047\157\055\135\252\173\207\376\012
\335\113\374\216\365\046\344\156\160\102\156\063\354\061\236\173
\223\301\344\311\151\032\075\300\153\116\042\155\356\253\130\115


```
\306\320\101\301\053\352\117\022\207\136\353\105\330\154\365\230
\002\323\240\330\125\212\006\231\031\242\240\167\321\060\236\254
\314\165\356\203\365\260\142\071\317\154\127\342\114\322\221\013
\016\165\050\033\232\277\375\032\103\361\312\167\373\073\217\141
\270\151\050\026\102\004\136\160\052\034\041\330\217\341\275\043
\133\055\164\100\222\331\143\031\015\163\335\151\274\142\107\274
\340\164\053\262\353\175\276\101\033\265\300\106\305\241\042\313
\137\116\301\050\222\336\030\272\325\052\050\273\021\213\027\223
\230\231\140\224\134\043\317\132\047\227\136\013\005\006\223\067
\036\073\151\066\353\251\236\141\035\217\062\332\216\014\326\164
\076\173\011\044\332\001\167\107\304\073\315\064\214\231\365\312
\341\045\141\063\262\131\033\342\156\327\067\127\266\015\251\022
\332
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "QuoVadis Root CA 3"
```

```
# Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
```

```
# Serial Number: 1478 (0x5c6)
```

```
# Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
```

```
# Not Valid Before: Fri Nov 24 19:11:23 2006
```

```
# Not Valid After : Mon Nov 24 19:06:44 2031
```

```
# Fingerprint (SHA-256):
```

```
18:F1:FC:7F:20:5D:F8:AD:DD:EB:7F:E0:07:DD:57:E3:AF:37:5A:9C:4D:8D:73:54:6B:F4:F1:FE:D1:E1:8D:35
```

```
# Fingerprint (SHA1): 1F:49:14:F7:D8:74:95:1D:DD:AE:02:C0:BE:FD:3A:2D:82:75:51:85
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "QuoVadis Root CA 3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\037\111\024\367\330\164\225\035\335\256\002\300\276\375\072\055
\202\165\121\205
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\061\205\074\142\224\227\143\271\252\375\211\116\257\157\340\317
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\002\005\306
```

```

END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Security Communication Root CA"
#
# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Not Valid Before: Tue Sep 30 04:20:49 2003
# Not Valid After : Sat Sep 30 04:20:49 2023
# Fingerprint (SHA-256):
E7:5E:72:ED:9F:56:0E:EC:6E:B4:80:00:73:A4:3F:C3:AD:19:19:5A:39:22:82:01:78:95:97:4A:99:02:6B:6C
# Fingerprint (SHA1): 36:B1:2B:49:F9:81:9E:D7:4C:9E:BC:38:0F:C6:56:8F:5D:AC:B2:F7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\132\060\202\002\102\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061\030
\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040\124

```

\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125\004
\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155\155
\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103\101
\061\060\036\027\015\060\063\060\071\063\060\060\064\062\060\064
\071\132\027\015\062\063\060\071\063\060\060\064\062\060\064\071
\132\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120
\061\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115
\040\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003
\125\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157
\155\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164
\103\101\061\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\263\263\376\177\323\155\261\357\026\174\127\245
\014\155\166\212\057\113\277\144\373\114\356\212\360\363\051\174
\365\377\356\052\340\351\351\272\133\144\042\232\232\157\054\072
\046\151\121\005\231\046\334\325\034\152\161\306\232\175\036\235
\335\174\154\306\214\147\147\112\076\370\161\260\031\047\251\011
\014\246\225\277\113\214\014\372\125\230\073\330\350\042\241\113
\161\070\171\254\227\222\151\263\211\176\352\041\150\006\230\024
\226\207\322\141\066\274\155\047\126\236\127\356\300\300\126\375
\062\317\244\331\216\302\043\327\215\250\363\330\045\254\227\344
\160\070\364\266\072\264\235\073\227\046\103\243\241\274\111\131
\162\114\043\060\207\001\130\366\116\276\034\150\126\146\257\315
\101\135\310\263\115\052\125\106\253\037\332\036\342\100\075\333
\315\175\271\222\200\234\067\335\014\226\144\235\334\042\367\144
\213\337\141\336\025\224\122\025\240\175\122\311\113\250\041\311
\306\261\355\313\303\225\140\321\017\360\253\160\370\337\313\115
\176\354\326\372\253\331\275\177\124\362\245\351\171\372\331\326
\166\044\050\163\002\003\001\000\001\243\077\060\075\060\035\006
\003\125\035\016\004\026\004\024\240\163\111\231\150\334\205\133
\145\343\233\050\057\127\237\275\063\274\007\110\060\013\006\003
\125\035\017\004\004\003\002\001\006\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\150\100
\251\250\273\344\117\135\171\263\005\265\027\263\140\023\353\306
\222\135\340\321\323\152\376\373\276\233\155\277\307\005\155\131
\040\304\034\360\267\332\204\130\002\143\372\110\026\357\117\245
\013\367\112\230\362\077\236\033\255\107\153\143\316\010\107\353
\122\077\170\234\257\115\256\370\325\117\317\232\230\052\020\101
\071\122\304\335\331\233\016\357\223\001\256\262\056\312\150\102
\044\102\154\260\263\072\076\315\351\332\110\304\025\313\351\371
\007\017\222\120\111\212\335\061\227\137\311\351\067\252\073\131
\145\227\224\062\311\263\237\076\072\142\130\305\111\255\142\016
\161\245\062\252\057\306\211\166\103\100\023\023\147\075\242\124
\045\020\313\361\072\362\331\372\333\111\126\273\246\376\247\101
\065\303\340\210\141\311\210\307\337\066\020\042\230\131\352\260
\112\373\126\026\163\156\254\115\367\042\241\117\255\035\172\055
\105\047\345\060\301\136\362\332\023\313\045\102\121\225\107\003

```

\214\154\041\314\164\102\355\123\377\063\213\217\017\127\001\026
\057\317\246\356\311\160\042\024\275\375\276\154\013\003
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Security Communication Root CA"
# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Not Valid Before: Tue Sep 30 04:20:49 2003
# Not Valid After : Sat Sep 30 04:20:49 2023
# Fingerprint (SHA-256):
E7:5E:72:ED:9F:56:0E:EC:6E:B4:80:00:73:A4:3F:C3:AD:19:19:5A:39:22:82:01:78:95:97:4A:99:02:6B:6C
# Fingerprint (SHA1): 36:B1:2B:49:F9:81:9E:D7:4C:9E:BC:38:0F:C6:56:8F:5D:AC:B2:F7
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\066\261\053\111\371\201\236\327\114\236\274\070\017\306\126\217
\135\254\262\367
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\361\274\143\152\124\340\265\047\365\315\347\032\343\115\156\112
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Camerfirma Chambers of Commerce Root"
#
# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF

```

```
A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:13:43 2003
# Not Valid After : Wed Sep 30 16:13:44 2037
# Fingerprint (SHA-256):
0C:25:8A:12:A5:67:4A:EF:25:F2:8B:A7:DC:FA:EC:EE:A3:48:E5:41:E6:F5:CC:4E:E6:3B:71:B3:61:60:6A:C3
# Fingerprint (SHA1): 6E:3A:55:A4:19:0C:19:5C:93:84:3C:C0:DB:72:2E:31:30:61:F0:B1
# For Email Distrust After: Mon Mar 01 00:00:00 2021
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Chambers of Commerce Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\275\060\202\003\245\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070
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\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141
\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060\040
\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163\040
\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157\164
\060\036\027\015\060\063\060\071\063\060\061\066\061\063\064\063
\132\027\015\063\067\060\071\063\060\061\066\061\063\064\064\132
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164\060\202\001\040\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\015\000\060\202\001\010\002\202\001
\001\000\267\066\125\345\245\135\030\060\340\332\211\124\221\374
\310\307\122\370\057\120\331\357\261\165\163\145\107\175\033\133
\272\165\305\374\241\210\044\372\057\355\312\010\112\071\124\304
\121\172\265\332\140\352\070\074\201\262\313\361\273\331\221\043
\077\110\001\160\165\251\005\052\255\037\161\363\311\124\075\035
\006\152\100\076\263\014\205\356\134\033\171\302\142\304\270\066
\216\065\135\001\014\043\004\107\065\252\233\140\116\240\146\075
\313\046\012\234\100\241\364\135\230\277\161\253\245\000\150\052
\355\203\172\017\242\024\265\324\042\263\200\260\074\014\132\121
\151\055\130\030\217\355\231\236\361\256\342\225\346\366\107\250
\326\014\017\260\130\130\333\303\146\067\236\233\221\124\063\067
\322\224\034\152\110\311\311\362\245\332\245\014\043\367\043\016
\234\062\125\136\161\234\204\005\121\232\055\375\346\116\052\064
\132\336\312\100\067\147\014\124\041\125\167\332\012\014\314\227
\256\200\334\224\066\112\364\076\316\066\023\036\123\344\254\116
\072\005\354\333\256\162\234\070\213\320\071\073\211\012\076\167
\376\165\002\001\003\243\202\001\104\060\202\001\100\060\022\006
\003\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001
\014\060\074\006\003\125\035\037\004\065\060\063\060\061\240\057
\240\055\206\053\150\164\164\160\072\057\057\143\162\154\056\143
\150\141\155\142\145\162\163\151\147\156\056\157\162\147\057\143
\150\141\155\142\145\162\163\162\157\157\164\056\143\162\154\060
\035\006\003\125\035\016\004\026\004\024\343\224\365\261\115\351
\333\241\051\133\127\213\115\166\006\166\341\321\242\212\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\021
\006\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000
\007\060\047\006\003\125\035\021\004\040\060\036\201\034\143\150
\141\155\142\145\162\163\162\157\157\164\100\143\150\141\155\142
\145\162\163\151\147\156\056\157\162\147\060\047\006\003\125\035
\022\004\040\060\036\201\034\143\150\141\155\142\145\162\163\162
\157\157\164\100\143\150\141\155\142\145\162\163\151\147\156\056

\157\162\147\060\130\006\003\125\035\040\004\121\060\117\060\115
\006\013\053\006\001\004\001\201\207\056\012\003\001\060\076\060
\074\006\010\053\006\001\005\005\007\002\001\026\060\150\164\164
\160\072\057\057\143\160\163\056\143\150\141\155\142\145\162\163
\151\147\156\056\157\162\147\057\143\160\163\057\143\150\141\155
\142\145\162\163\162\157\157\164\056\150\164\155\154\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\014\101\227\302\032\206\300\042\174\237\373\220\363\032\321
\003\261\357\023\371\041\137\004\234\332\311\245\215\047\154\226
\207\221\276\101\220\001\162\223\347\036\175\137\366\211\306\135
\247\100\011\075\254\111\105\105\334\056\215\060\150\262\011\272
\373\303\057\314\272\013\337\077\167\173\106\175\072\022\044\216
\226\217\074\005\012\157\322\224\050\035\155\014\300\056\210\042
\325\330\317\035\023\307\360\110\327\327\005\247\317\307\107\236
\073\074\064\310\200\117\324\024\273\374\015\120\367\372\263\354
\102\137\251\335\155\310\364\165\317\173\301\162\046\261\001\034
\134\054\375\172\116\264\001\305\005\127\271\347\074\252\005\331
\210\351\007\106\101\316\357\101\201\256\130\337\203\242\256\312
\327\167\037\347\000\074\235\157\216\344\062\011\035\115\170\064
\170\064\074\224\233\046\355\117\161\306\031\172\275\040\042\110
\132\376\113\175\003\267\347\130\276\306\062\116\164\036\150\335
\250\150\133\263\076\356\142\175\331\200\350\012\165\172\267\356
\264\145\232\041\220\340\252\320\230\274\070\265\163\074\213\370
\334

END

CKA_NSS_Mozilla_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER MULTILINE_OCTAL
\062\061\060\063\060\061\060\060\060\060\060\132

END

Trust for "Camerfirma Chambers of Commerce Root"
Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
Serial Number: 0 (0x0)
Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
Not Valid Before: Tue Sep 30 16:13:43 2003
Not Valid After : Wed Sep 30 16:13:44 2037
Fingerprint (SHA-256):
0C:25:8A:12:A5:67:4A:EF:25:F2:8B:A7:DC:FA:EC:EE:A3:48:E5:41:E6:F5:CC:4E:E6:3B:71:B3:61:60:6A:C3
Fingerprint (SHA1): 6E:3A:55:A4:19:0C:19:5C:93:84:3C:C0:DB:72:2E:31:30:61:F0:B1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Chambers of Commerce Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\156\072\125\244\031\014\031\134\223\204\074\300\333\162\056\061
\060\141\360\261

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\260\001\356\024\331\257\051\030\224\166\216\361\151\063\052\204

END

CKA_ISSUER MULTILINE_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Camerfirma Global Chambersign Root"

#

Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU

Serial Number: 0 (0x0)

Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU

Not Valid Before: Tue Sep 30 16:14:18 2003

Not Valid After : Wed Sep 30 16:14:18 2037

Fingerprint (SHA-256):

EF:3C:B4:17:FC:8E:BF:6F:97:87:6C:9E:4E:CE:39:DE:1E:A5:FE:64:91:41:D1:02:8B:7D:11:C0:B2:29:8C:ED

Fingerprint (SHA1): 33:9B:6B:14:50:24:9B:55:7A:01:87:72:84:D9:E0:2F:C3:D2:D8:E9

For Email Distrust After: Mon Mar 01 00:00:00 2021

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Camerfirma Global Chambersign Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155

\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\305\060\202\003\255\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070
\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141
\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060\036
\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103\150
\141\155\142\145\162\163\151\147\156\040\122\157\157\164\060\036
\027\015\060\063\060\071\063\060\061\066\061\064\061\070\132\027
\015\063\067\060\071\063\060\061\066\061\064\061\070\132\060\175
\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047\060
\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145\162
\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070\062
\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013\023
\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141\155
\142\145\162\163\151\147\156\056\157\162\147\061\040\060\036\006
\003\125\004\003\023\027\107\154\157\142\141\154\040\103\150\141
\155\142\145\162\163\151\147\156\040\122\157\157\164\060\202\001
\040\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\015\000\060\202\001\010\002\202\001\001\000\242\160
\242\320\237\102\256\133\027\307\330\175\317\024\203\374\117\311
\241\267\023\257\212\327\236\076\004\012\222\213\140\126\372\264
\062\057\210\115\241\140\010\364\267\011\116\240\111\057\111\326
\323\337\235\227\132\237\224\004\160\354\077\131\331\267\314\146

\213\230\122\050\011\002\337\305\057\204\215\172\227\167\277\354
\100\235\045\162\253\265\077\062\230\373\267\267\374\162\204\345
\065\207\371\125\372\243\037\016\157\056\050\335\151\240\331\102
\020\306\370\265\104\302\320\103\177\333\274\344\242\074\152\125
\170\012\167\251\330\352\031\062\267\057\376\134\077\033\356\261
\230\354\312\255\172\151\105\343\226\017\125\366\346\355\165\352
\145\350\062\126\223\106\211\250\045\212\145\006\356\153\277\171
\007\320\361\267\257\355\054\115\222\273\300\250\137\247\147\175
\004\362\025\010\160\254\222\326\175\004\322\063\373\114\266\013
\013\373\032\311\304\215\003\251\176\134\362\120\253\022\245\241
\317\110\120\245\357\322\310\032\023\372\260\177\261\202\034\167
\152\017\137\334\013\225\217\357\103\176\346\105\011\045\002\001
\003\243\202\001\120\060\202\001\114\060\022\006\003\125\035\023
\001\001\377\004\010\060\006\001\001\377\002\001\014\060\077\006
\003\125\035\037\004\070\060\066\060\064\240\062\240\060\206\056
\150\164\164\160\072\057\057\143\162\154\056\143\150\141\155\142
\145\162\163\151\147\156\056\157\162\147\057\143\150\141\155\142
\145\162\163\151\147\156\162\157\157\164\056\143\162\154\060\035
\006\003\125\035\016\004\026\004\024\103\234\066\237\260\236\060
\115\306\316\137\255\020\253\345\003\245\372\251\024\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\021\006
\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000\007
\060\052\006\003\125\035\021\004\043\060\041\201\037\143\150\141
\155\142\145\162\163\151\147\156\162\157\157\164\100\143\150\141
\155\142\145\162\163\151\147\156\056\157\162\147\060\052\006\003
\125\035\022\004\043\060\041\201\037\143\150\141\155\142\145\162
\163\151\147\156\162\157\157\164\100\143\150\141\155\142\145\162
\163\151\147\156\056\157\162\147\060\133\006\003\125\035\040\004
\124\060\122\060\120\006\013\053\006\001\004\001\201\207\056\012
\001\001\060\101\060\077\006\010\053\006\001\005\005\007\002\001
\026\063\150\164\164\160\072\057\057\143\160\163\056\143\150\141
\155\142\145\162\163\151\147\156\056\157\162\147\057\143\160\163
\057\143\150\141\155\142\145\162\163\151\147\156\162\157\157\164
\056\150\164\155\154\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\003\202\001\001\000\074\073\160\221\371\004\124
\047\221\341\355\355\376\150\177\141\135\345\101\145\117\062\361
\030\005\224\152\034\336\037\160\333\076\173\062\002\064\265\014
\154\241\212\174\245\364\217\377\324\330\255\027\325\055\004\321
\077\130\200\342\201\131\210\276\300\343\106\223\044\376\220\275
\046\242\060\055\350\227\046\127\065\211\164\226\030\366\025\342
\257\044\031\126\002\002\262\272\017\024\352\306\212\146\301\206
\105\125\213\276\222\276\234\244\004\307\111\074\236\350\051\172
\211\327\376\257\377\150\365\245\027\220\275\254\231\314\245\206
\127\011\147\106\333\326\026\302\106\361\344\251\120\365\217\321
\222\025\323\137\076\306\000\111\072\156\130\262\321\321\047\015
\045\310\062\370\040\021\315\175\062\063\110\224\124\114\335\334
\171\304\060\237\353\216\270\125\265\327\210\134\305\152\044\075
\262\323\005\003\121\306\007\357\314\024\162\164\075\156\162\316

```
\030\050\214\112\240\167\345\011\053\105\104\107\254\267\147\177
\001\212\005\132\223\276\241\301\377\370\347\016\147\244\107\111
\166\135\165\220\032\365\046\217\360
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER MULTILINE_OCTAL
\062\061\060\063\060\061\060\060\060\060\060\060\132
```

END

Trust for "Camerfirma Global Chambersign Root"

Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU

Serial Number: 0 (0x0)

Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU

Not Valid Before: Tue Sep 30 16:14:18 2003

Not Valid After : Wed Sep 30 16:14:18 2037

Fingerprint (SHA-256):

EF:3C:B4:17:FC:8E:BF:6F:97:87:6C:9E:4E:CE:39:DE:1E:A5:FE:64:91:41:D1:02:8B:7D:11:C0:B2:29:8C:ED

Fingerprint (SHA1): 33:9B:6B:14:50:24:9B:55:7A:01:87:72:84:D9:E0:2F:C3:D2:D8:E9

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Camerfirma Global Chambersign Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\063\233\153\024\120\044\233\125\172\001\207\162\204\331\340\057
\303\322\330\351
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\305\346\173\277\006\320\117\103\355\304\172\145\212\373\153\031
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\000
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "XRamp Global CA Root"

#

Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US

Serial Number:50:94:6c:ec:18:ea:d5:9c:4d:d5:97:ef:75:8f:a0:ad

Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US

Not Valid Before: Mon Nov 01 17:14:04 2004

Not Valid After : Mon Jan 01 05:37:19 2035

Fingerprint (SHA-256):

CE:CD:DC:90:50:99:D8:DA:DF:C5:B1:D2:09:B7:37:CB:E2:C1:8C:FB:2C:10:C0:FF:0B:CF:0D:32:86:FC:1A:A2

Fingerprint (SHA1): B8:01:86:D1:EB:9C:86:A5:41:04:CF:30:54:F3:4C:52:B7:E5:58:C6

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "XRamp Global CA Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217
\240\255

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\060\060\202\003\030\240\003\002\001\002\002\020\120
\224\154\354\030\352\325\234\115\325\227\357\165\217\240\255\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\202\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036
\060\034\006\003\125\004\013\023\025\167\167\167\056\170\162\141
\155\160\163\145\143\165\162\151\164\171\056\143\157\155\061\044
\060\042\006\003\125\004\012\023\033\130\122\141\155\160\040\123
\145\143\165\162\151\164\171\040\123\145\162\166\151\143\145\163
\040\111\156\143\061\055\060\053\006\003\125\004\003\023\044\130
\122\141\155\160\040\107\154\157\142\141\154\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\060\036\027\015\060\064\061\061\060\061\061\067\061
\064\060\064\132\027\015\063\065\060\061\060\061\060\065\063\067
\061\071\132\060\201\202\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\036\060\034\006\003\125\004\013\023\025\167\167
\167\056\170\162\141\155\160\163\145\143\165\162\151\164\171\056
\143\157\155\061\044\060\042\006\003\125\004\012\023\033\130\122
\141\155\160\040\123\145\143\165\162\151\164\171\040\123\145\162
\166\151\143\145\163\040\111\156\143\061\055\060\053\006\003\125
\004\003\023\044\130\122\141\155\160\040\107\154\157\142\141\154
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\060\202\001\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000
\060\202\001\012\002\202\001\001\000\230\044\036\275\025\264\272
\337\307\214\245\047\266\070\013\151\363\266\116\250\054\056\041
\035\134\104\337\041\135\176\043\164\376\136\176\264\112\267\246
\255\037\256\340\006\026\342\233\133\331\147\164\153\135\200\217
\051\235\206\033\331\234\015\230\155\166\020\050\130\344\145\260
\177\112\230\171\237\340\303\061\176\200\053\265\214\300\100\073
\021\206\320\313\242\206\066\140\244\325\060\202\155\331\156\320
\017\022\004\063\227\137\117\141\132\360\344\371\221\253\347\035
\073\274\350\317\364\153\055\064\174\342\110\141\034\216\363\141
\104\314\157\240\112\251\224\260\115\332\347\251\064\172\162\070
\250\101\314\074\224\021\175\353\310\246\214\267\206\313\312\063
\073\331\075\067\213\373\172\076\206\054\347\163\327\012\127\254
\144\233\031\353\364\017\004\010\212\254\003\027\031\144\364\132
\045\042\215\064\054\262\366\150\035\022\155\323\212\036\024\332
\304\217\246\342\043\205\325\172\015\275\152\340\351\354\354\027
\273\102\033\147\252\045\355\105\203\041\374\301\311\174\325\142
\076\372\362\305\055\323\375\324\145\002\003\001\000\001\243\201
\237\060\201\234\060\023\006\011\053\006\001\004\001\202\067\024
\002\004\006\036\004\000\103\000\101\060\013\006\003\125\035\017
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\306\117\242\075\006\143\204\011\234\316\142\344\004\254
\215\134\265\351\266\033\060\066\006\003\125\035\037\004\057\060

\055\060\053\240\051\240\047\206\045\150\164\164\160\072\057\057
\143\162\154\056\170\162\141\155\160\163\145\143\165\162\151\164
\171\056\143\157\155\057\130\107\103\101\056\143\162\154\060\020
\006\011\053\006\001\004\001\202\067\025\001\004\003\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\001\001\000\221\025\071\003\001\033\147\373\112\034\371\012
\140\133\241\332\115\227\142\371\044\123\047\327\202\144\116\220
\056\303\111\033\053\232\334\374\250\170\147\065\361\035\360\021
\275\267\110\343\020\366\015\337\077\322\311\266\252\125\244\110
\272\002\333\336\131\056\025\133\073\235\026\175\107\327\067\352
\137\115\166\022\066\273\037\327\241\201\004\106\040\243\054\155
\251\236\001\176\077\051\316\000\223\337\375\311\222\163\211\211
\144\236\347\053\344\034\221\054\322\271\316\175\316\157\061\231
\323\346\276\322\036\220\360\011\024\171\134\043\253\115\322\332
\041\037\115\231\171\235\341\317\047\237\020\233\034\210\015\260
\212\144\101\061\270\016\154\220\044\244\233\134\161\217\272\273
\176\034\033\333\152\200\017\041\274\351\333\246\267\100\364\262
\213\251\261\344\357\232\032\320\075\151\231\356\250\050\243\341
\074\263\360\262\021\234\317\174\100\346\335\347\103\175\242\330
\072\265\251\215\362\064\231\304\324\020\341\006\375\011\204\020
\073\356\304\114\364\354\047\174\102\302\164\174\202\212\011\311
\264\003\045\274

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "XRamp Global CA Root"

Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US

Serial Number:50:94:6c:ec:18:ea:d5:9c:4d:d5:97:ef:75:8f:a0:ad

Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US

Not Valid Before: Mon Nov 01 17:14:04 2004

Not Valid After : Mon Jan 01 05:37:19 2035

Fingerprint (SHA-256):

CE:CD:DC:90:50:99:D8:DA:DF:C5:B1:D2:09:B7:37:CB:E2:C1:8C:FB:2C:10:C0:FF:0B:CF:0D:32:86:FC:1A:A2

Fingerprint (SHA1): B8:01:86:D1:EB:9C:86:A5:41:04:CF:30:54:F3:4C:52:B7:E5:58:C6

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "XRamp Global CA Root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\270\001\206\321\353\234\206\245\101\004\317\060\124\363\114\122
\267\345\130\306

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\241\013\104\263\312\020\330\000\156\235\017\330\017\222\012\321

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217
\240\255

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Go Daddy Class 2 CA"

#

Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US

Serial Number: 0 (0x0)

Subject: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US

Not Valid Before: Tue Jun 29 17:06:20 2004

Not Valid After : Thu Jun 29 17:06:20 2034

Fingerprint (SHA-256):

C3:84:6B:F2:4B:9E:93:CA:64:27:4C:0E:C6:7C:1E:CC:5E:02:4F:FC:AC:D2:D7:40:19:35:0E:81:FE:54:6A:E4

Fingerprint (SHA1): 27:96:BA:E6:3F:18:01:E2:77:26:1B:A0:D7:77:70:02:8F:20:EE:E4

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Go Daddy Class 2 CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\000\060\202\002\350\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041
\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157\040
\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156\143
\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040\104
\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\060\036\027\015\060\064\060\066\062\071\061\067
\060\066\062\060\132\027\015\063\064\060\066\062\071\061\067\060
\066\062\060\132\060\143\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\041\060\037\006\003\125\004\012\023\030\124\150
\145\040\107\157\040\104\141\144\144\171\040\107\162\157\165\160
\054\040\111\156\143\056\061\061\060\057\006\003\125\004\013\023
\050\107\157\040\104\141\144\144\171\040\103\154\141\163\163\040
\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\101\165\164\150\157\162\151\164\171\060\202\001\040\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\015
\000\060\202\001\010\002\202\001\001\000\336\235\327\352\127\030
\111\241\133\353\327\137\110\206\352\276\335\377\344\357\147\034
\364\145\150\263\127\161\240\136\167\273\355\233\111\351\160\200
\075\126\030\143\010\157\332\362\314\320\077\177\002\124\042\124
\020\330\262\201\324\300\165\075\113\177\307\167\303\076\170\253
\032\003\265\040\153\057\152\053\261\305\210\176\304\273\036\260
\301\330\105\047\157\252\067\130\367\207\046\327\330\055\366\251
\027\267\037\162\066\116\246\027\077\145\230\222\333\052\156\135
\242\376\210\340\013\336\177\345\215\025\341\353\313\072\325\342
\022\242\023\055\330\216\257\137\022\075\240\010\005\010\266\134
\245\145\070\004\105\231\036\243\140\140\164\305\101\245\162\142
\033\142\305\037\157\137\032\102\276\002\121\145\250\256\043\030
\152\374\170\003\251\115\177\200\303\372\253\132\374\241\100\244
\312\031\026\376\262\310\357\136\163\015\356\167\275\232\366\171
\230\274\261\007\147\242\025\015\335\240\130\306\104\173\012\076
\142\050\137\272\101\007\123\130\317\021\176\070\164\305\370\377

\265\151\220\217\204\164\352\227\033\257\002\001\003\243\201\300
\060\201\275\060\035\006\003\125\035\016\004\026\004\024\322\304
\260\322\221\324\114\021\161\263\141\313\075\241\376\335\250\152
\324\343\060\201\215\006\003\125\035\043\004\201\205\060\201\202
\200\024\322\304\260\322\221\324\114\021\161\263\141\313\075\241
\376\335\250\152\324\343\241\147\244\145\060\143\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\041\060\037\006\003\125
\004\012\023\030\124\150\145\040\107\157\040\104\141\144\144\171
\040\107\162\157\165\160\054\040\111\156\143\056\061\061\060\057
\006\003\125\004\013\023\050\107\157\040\104\141\144\144\171\040
\103\154\141\163\163\040\062\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\202
\001\000\060\014\006\003\125\035\023\004\005\060\003\001\001\377
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\001\001\000\062\113\363\262\312\076\221\374\022\306\241\007
\214\216\167\240\063\006\024\134\220\036\030\367\010\246\075\012
\031\371\207\200\021\156\151\344\226\027\060\377\064\221\143\162
\070\356\314\034\001\243\035\224\050\244\061\366\172\304\124\327
\366\345\061\130\003\242\314\316\142\333\224\105\163\265\277\105
\311\044\265\325\202\002\255\043\171\151\215\270\266\115\316\317
\114\312\063\043\350\034\210\252\235\213\101\156\026\311\040\345
\211\236\315\073\332\160\367\176\231\046\040\024\124\045\253\156
\163\205\346\233\041\235\012\154\202\016\250\370\302\014\372\020
\036\154\226\357\207\015\304\017\141\213\255\356\203\053\225\370
\216\222\204\162\071\353\040\352\203\355\203\315\227\156\010\274
\353\116\046\266\163\053\344\323\366\114\376\046\161\342\141\021
\164\112\377\127\032\207\017\165\110\056\317\121\151\027\240\002
\022\141\225\325\321\100\262\020\114\356\304\254\020\103\246\245
\236\012\325\225\142\232\015\317\210\202\305\062\014\344\053\237
\105\346\015\237\050\234\261\271\052\132\127\255\067\017\257\035
\177\333\275\237

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Go Daddy Class 2 CA"

Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US

Serial Number: 0 (0x0)

Subject: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US

Not Valid Before: Tue Jun 29 17:06:20 2004

Not Valid After : Thu Jun 29 17:06:20 2034

Fingerprint (SHA-256):

C3:84:6B:F2:4B:9E:93:CA:64:27:4C:0E:C6:7C:1E:CC:5E:02:4F:FC:AC:D2:D7:40:19:35:0E:81:FE:54:6A:E4

Fingerprint (SHA1): 27:96:BA:E6:3F:18:01:E2:77:26:1B:A0:D7:77:70:02:8F:20:EE:E4

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Class 2 CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\047\226\272\346\077\030\001\342\167\046\033\240\327\167\160\002
\217\040\356\344
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\221\336\006\045\253\332\375\062\027\014\273\045\027\052\204\147
END
CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Starfield Class 2 CA"
#
# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Serial Number: 0 (0x0)
# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Not Valid Before: Tue Jun 29 17:39:16 2004
# Not Valid After : Thu Jun 29 17:39:16 2034
# Fingerprint (SHA-256):
14:65:FA:20:53:97:B8:76:FA:A6:F0:A9:95:8E:55:90:E4:0F:CC:7F:AA:4F:B7:C2:C8:67:75:21:FB:5F:B6:58
# Fingerprint (SHA1): AD:7E:1C:28:B0:64:EF:8F:60:03:40:20:14:C3:D0:E3:37:0E:B5:8A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Class 2 CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023

```

\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\017\060\202\002\367\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061\045
\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151\145
\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163\054
\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023\051
\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163\040
\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\101\165\164\150\157\162\151\164\171\060\036\027\015\060\064\060
\066\062\071\061\067\063\071\061\066\132\027\015\063\064\060\066
\062\071\061\067\063\071\061\066\132\060\150\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\045\060\043\006\003\125\004
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061
\062\060\060\006\003\125\004\013\023\051\123\164\141\162\146\151
\145\154\144\040\103\154\141\163\163\040\062\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\060\202\001\040\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\015\000\060\202\001\010\002
\202\001\001\000\267\062\310\376\351\161\246\004\205\255\014\021
\144\337\316\115\357\310\003\030\207\077\241\253\373\074\246\237
\360\303\241\332\324\330\156\053\123\220\373\044\244\076\204\360
\236\350\137\354\345\047\104\365\050\246\077\173\336\340\052\360
\310\257\123\057\236\312\005\001\223\036\217\146\034\071\247\115
\372\132\266\163\004\045\146\353\167\177\347\131\306\112\231\045
\024\124\353\046\307\363\177\031\325\060\160\217\257\260\106\052
\377\255\353\051\355\327\237\252\004\207\243\324\371\211\245\064
\137\333\103\221\202\066\331\146\074\261\270\271\202\375\234\072
\076\020\310\073\357\006\145\146\172\233\031\030\075\377\161\121
\074\060\056\137\276\075\167\163\262\135\006\154\303\043\126\232

\053\205\046\222\034\247\002\263\344\077\015\257\010\171\202\270
\066\075\352\234\323\065\263\274\151\312\365\314\235\350\375\144
\215\027\200\063\156\136\112\135\231\311\036\207\264\235\032\300
\325\156\023\065\043\136\337\233\137\075\357\326\367\166\302\352
\076\273\170\015\034\102\147\153\004\330\370\326\332\157\213\362
\104\240\001\253\002\001\003\243\201\305\060\201\302\060\035\006
\003\125\035\016\004\026\004\024\277\137\267\321\316\335\037\206
\364\133\125\254\334\327\020\302\016\251\210\347\060\201\222\006
\003\125\035\043\004\201\212\060\201\207\200\024\277\137\267\321
\316\335\037\206\364\133\125\254\334\327\020\302\016\251\210\347
\241\154\244\152\060\150\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\045\060\043\006\003\125\004\012\023\034\123\164
\141\162\146\151\145\154\144\040\124\145\143\150\156\157\154\157
\147\151\145\163\054\040\111\156\143\056\061\062\060\060\006\003
\125\004\013\023\051\123\164\141\162\146\151\145\154\144\040\103
\154\141\163\163\040\062\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\202\001
\000\060\014\006\003\125\035\023\004\005\060\003\001\001\377\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202
\001\001\000\005\235\077\210\235\321\311\032\125\241\254\151\363
\363\131\332\233\001\207\032\117\127\251\241\171\011\052\333\367
\057\262\036\314\307\136\152\330\203\207\241\227\357\111\065\076
\167\006\101\130\142\277\216\130\270\012\147\077\354\263\335\041
\146\037\311\124\372\162\314\075\114\100\330\201\257\167\236\203
\172\273\242\307\365\064\027\216\331\021\100\364\374\054\052\115
\025\177\247\142\135\056\045\323\000\013\040\032\035\150\371\027
\270\364\275\213\355\050\131\335\115\026\213\027\203\310\262\145
\307\055\172\245\252\274\123\206\155\335\127\244\312\370\040\101
\013\150\360\364\373\164\276\126\135\172\171\365\371\035\205\343
\055\225\276\365\161\220\103\314\215\037\232\000\012\207\051\351
\125\042\130\000\043\352\343\022\103\051\133\107\010\335\214\101
\152\145\006\250\345\041\252\101\264\225\041\225\271\175\321\064
\253\023\326\255\274\334\342\075\071\315\275\076\165\160\241\030
\131\003\311\042\264\217\234\325\136\052\327\245\266\324\012\155
\370\267\100\021\106\232\037\171\016\142\277\017\227\354\340\057
\037\027\224

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Starfield Class 2 CA"

Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US

Serial Number: 0 (0x0)

Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US

Not Valid Before: Tue Jun 29 17:39:16 2004

Not Valid After : Thu Jun 29 17:39:16 2034

Fingerprint (SHA-256):

```

14:65:FA:20:53:97:B8:76:FA:A6:F0:A9:95:8E:55:90:E4:0F:CC:7F:AA:4F:B7:C2:C8:67:75:21:FB:5F:B6:58
# Fingerprint (SHA1): AD:7E:1C:28:B0:64:EF:8F:60:03:40:20:14:C3:D0:E3:37:0E:B5:8A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Class 2 CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\255\176\034\050\260\144\357\217\140\003\100\040\024\303\320\343
\067\016\265\212
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\062\112\113\273\310\143\151\233\276\164\232\306\335\035\106\044
END
CKA_ISSUER MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Assured ID Root CA"
#
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0c:e7:e0:e5:17:d8:46:fe:8f:e5:60:fc:1b:f0:30:39
# Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (SHA-256):
3E:90:99:B5:01:5E:8F:48:6C:00:BC:EA:9D:11:1E:E7:21:FA:BA:35:5A:89:BC:F1:DF:69:56:1E:3D:C6:32:5C
# Fingerprint (SHA1): 05:63:B8:63:0D:62:D7:5A:BB:C8:AB:1E:4B:DF:B5:A8:99:B2:4D:43
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA_SUBJECT MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\014\347\340\345\027\330\106\376\217\345\140\374\033\360
\060\071

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\267\060\202\002\237\240\003\002\001\002\002\020\014
\347\340\345\027\330\106\376\217\345\140\374\033\360\060\071\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\145
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145
\162\164\040\101\163\163\165\162\145\144\040\111\104\040\122\157
\157\164\040\103\101\060\036\027\015\060\066\061\061\061\060\060\060
\060\060\060\060\060\132\027\015\063\061\061\061\061\060\060\060
\060\060\060\060\132\060\145\061\013\060\011\006\003\125\004\006
\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104
\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006
\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145
\162\164\056\143\157\155\061\044\060\042\006\003\125\004\003\023
\033\104\151\147\151\103\145\162\164\040\101\163\163\165\162\145
\144\040\111\104\040\122\157\157\164\040\103\101\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\255\016\025
\316\344\103\200\134\261\207\363\267\140\371\161\022\245\256\334
\046\224\210\252\364\316\365\040\071\050\130\140\014\370\200\332
\251\025\225\062\141\074\265\261\050\204\212\212\334\237\012\014
\203\027\172\217\220\254\212\347\171\123\134\061\204\052\366\017

\230\062\066\166\314\336\335\074\250\242\357\152\373\041\362\122
\141\337\237\040\327\037\342\261\331\376\030\144\322\022\133\137
\371\130\030\065\274\107\315\241\066\371\153\177\324\260\070\076
\301\033\303\214\063\331\330\057\030\376\050\017\263\247\203\326
\303\156\104\300\141\065\226\026\376\131\234\213\166\155\327\361
\242\113\015\053\377\013\162\332\236\140\320\216\220\065\306\170
\125\207\040\241\317\345\155\012\310\111\174\061\230\063\154\042
\351\207\320\062\132\242\272\023\202\021\355\071\027\235\231\072
\162\241\346\372\244\331\325\027\061\165\256\205\175\042\256\077
\001\106\206\366\050\171\310\261\332\344\127\027\304\176\034\016
\260\264\222\246\126\263\275\262\227\355\252\247\360\267\305\250
\077\225\026\320\377\241\226\353\010\137\030\167\117\002\003\001
\000\001\243\143\060\141\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\105\353\242\257\364\222\313\202\061\055\121\213\247\247
\041\235\363\155\310\017\060\037\006\003\125\035\043\004\030\060
\026\200\024\105\353\242\257\364\222\313\202\061\055\121\213\247
\247\041\235\363\155\310\017\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\003\202\001\001\000\242\016\274\337\342
\355\360\343\162\163\172\144\224\277\367\162\146\330\062\344\102
\165\142\256\207\353\362\325\331\336\126\263\237\314\316\024\050
\271\015\227\140\134\022\114\130\344\323\075\203\111\105\130\227
\065\151\032\250\107\352\126\306\171\253\022\330\147\201\204\337
\177\011\074\224\346\270\046\054\040\275\075\263\050\211\367\137
\377\042\342\227\204\037\351\145\357\207\340\337\301\147\111\263
\135\353\262\011\052\353\046\355\170\276\175\077\053\363\267\046
\065\155\137\211\001\266\111\133\237\001\005\233\253\075\045\301
\314\266\177\302\361\157\206\306\372\144\150\353\201\055\224\353
\102\267\372\214\036\335\142\361\276\120\147\267\154\275\363\361
\037\153\014\066\007\026\177\067\174\251\133\155\172\361\022\106
\140\203\327\047\004\276\113\316\227\276\303\147\052\150\021\337
\200\347\014\063\146\277\023\015\024\156\363\177\037\143\020\036
\372\215\033\045\155\154\217\245\267\141\001\261\322\243\046\241
\020\161\235\255\342\303\371\303\231\121\267\053\007\010\316\056
\346\120\262\247\372\012\105\057\242\360\362

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "DigiCert Assured ID Root CA"
Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
Serial Number:0c:e7:e0:e5:17:d8:46:fe:8f:e5:60:fc:1b:f0:30:39
Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
Not Valid Before: Fri Nov 10 00:00:00 2006
Not Valid After : Mon Nov 10 00:00:00 2031
Fingerprint (SHA-256):

```

3E:90:99:B5:01:5E:8F:48:6C:00:BC:EA:9D:11:1E:E7:21:FA:BA:35:5A:89:BC:F1:DF:69:56:1E:3D:C6:32:5C
# Fingerprint (SHA1): 05:63:B8:63:0D:62:D7:5A:BB:C8:AB:1E:4B:DF:B5:A8:99:B2:4D:43
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\005\143\270\143\015\142\327\132\273\310\253\036\113\337\265\250
\231\262\115\103
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\207\316\013\173\052\016\111\000\341\130\161\233\067\250\223\162
END
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\347\340\345\027\330\106\376\217\345\140\374\033\360
\060\071
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Global Root CA"
#
# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:08:3b:e0:56:90:42:46:b1:a1:75:6a:c9:59:91:c7:4a
# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (SHA-256):
43:48:A0:E9:44:4C:78:CB:26:5E:05:8D:5E:89:44:B4:D8:4F:96:62:BD:26:DB:25:7F:89:34:A4:43:C7:01:61
# Fingerprint (SHA1): A8:98:5D:3A:65:E5:E5:C4:B2:D7:D6:6D:40:C6:DD:2F:B1:9C:54:36
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root CA"

```


CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\010\073\340\126\220\102\106\261\241\165\152\311\131\221
\307\112

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\257\060\202\002\227\240\003\002\001\002\002\020\010
\073\340\126\220\102\106\261\241\165\152\311\131\221\307\112\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\103
\101\060\036\027\015\060\066\061\061\061\060\060\060\060\060\060
\060\132\027\015\063\061\061\061\061\060\060\060\060\060\060\060
\132\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103
\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013
\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143
\157\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147
\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157
\164\040\103\101\060\202\001\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012
\002\202\001\001\000\342\073\341\021\162\336\250\244\323\243\127
\252\120\242\217\013\167\220\311\242\245\356\022\316\226\133\001
\011\040\314\001\223\247\116\060\267\123\367\103\304\151\000\127
\235\342\215\042\335\207\006\100\000\201\011\316\316\033\203\277

\337\315\073\161\106\342\326\146\307\005\263\166\047\026\217\173
\236\036\225\175\356\267\110\243\010\332\326\257\172\014\071\006
\145\177\112\135\037\274\027\370\253\276\356\050\327\164\177\172
\170\231\131\205\150\156\134\043\062\113\277\116\300\350\132\155
\343\160\277\167\020\277\374\001\366\205\331\250\104\020\130\062
\251\165\030\325\321\242\276\107\342\047\152\364\232\063\370\111
\010\140\213\324\137\264\072\204\277\241\252\112\114\175\076\317
\117\137\154\166\136\240\113\067\221\236\334\042\346\155\316\024
\032\216\152\313\376\315\263\024\144\027\307\133\051\236\062\277
\362\356\372\323\013\102\324\253\267\101\062\332\014\324\357\370
\201\325\273\215\130\077\265\033\350\111\050\242\160\332\061\004
\335\367\262\026\362\114\012\116\007\250\355\112\075\136\265\177
\243\220\303\257\047\002\003\001\000\001\243\143\060\141\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\035\006\003\125\035\016\004\026\004\024\003\336\120\065\126\321
\114\273\146\360\243\342\033\033\303\227\262\075\321\125\060\037
\006\003\125\035\043\004\030\060\026\200\024\003\336\120\065\126
\321\114\273\146\360\243\342\033\033\303\227\262\075\321\125\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202
\001\001\000\313\234\067\252\110\023\022\012\372\335\104\234\117
\122\260\364\337\256\004\365\171\171\010\243\044\030\374\113\053
\204\300\055\271\325\307\376\364\301\037\130\313\270\155\234\172
\164\347\230\051\253\021\265\343\160\240\241\315\114\210\231\223
\214\221\160\342\253\017\034\276\223\251\377\143\325\344\007\140
\323\243\277\235\133\011\361\325\216\343\123\364\216\143\372\077
\247\333\264\146\337\142\146\326\321\156\101\215\362\055\265\352
\167\112\237\235\130\342\053\131\300\100\043\355\055\050\202\105
\076\171\124\222\046\230\340\200\110\250\067\357\360\326\171\140
\026\336\254\350\016\315\156\254\104\027\070\057\111\332\341\105
\076\052\271\066\123\317\072\120\006\367\056\350\304\127\111\154
\141\041\030\325\004\255\170\074\054\072\200\153\247\353\257\025
\024\351\330\211\301\271\070\154\342\221\154\212\377\144\271\167
\045\127\060\300\033\044\243\341\334\351\337\107\174\265\264\044
\010\005\060\354\055\275\013\277\105\277\120\271\251\363\353\230
\001\022\255\310\210\306\230\064\137\215\012\074\306\351\325\225
\225\155\336

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "DigiCert Global Root CA"
Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
Serial Number:08:3b:e0:56:90:42:46:b1:a1:75:6a:c9:59:91:c7:4a
Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
Not Valid Before: Fri Nov 10 00:00:00 2006
Not Valid After : Mon Nov 10 00:00:00 2031

```

# Fingerprint (SHA-256):
43:48:A0:E9:44:4C:78:CB:26:5E:05:8D:5E:89:44:B4:D8:4F:96:62:BD:26:DB:25:7F:89:34:A4:43:C7:01:61
# Fingerprint (SHA1): A8:98:5D:3A:65:E5:E5:C4:B2:D7:D6:6D:40:C6:DD:2F:B1:9C:54:36
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\250\230\135\072\145\345\345\304\262\327\326\155\100\306\335\057
\261\234\124\066
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\171\344\251\204\015\175\072\226\327\300\117\342\103\114\211\056
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\073\340\126\220\102\106\261\241\165\152\311\131\221
\307\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert High Assurance EV Root CA"
#
# Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:02:ac:5c:26:6a:0b:40:9b:8f:0b:79:f2:ae:46:25:77
# Subject: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (SHA-256):
74:31:E5:F4:C3:C1:CE:46:90:77:4F:0B:61:E0:54:40:88:3B:A9:A0:1E:D0:0B:A6:AB:D7:80:6E:D3:B1:18:CF
# Fingerprint (SHA1): 5F:B7:EE:06:33:E2:59:DB:AD:0C:4C:9A:E6:D3:8F:1A:61:C7:DC:25
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

CKA_LABEL UTF8 "DigiCert High Assurance EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\002\254\134\046\152\013\100\233\217\013\171\362\256\106
\045\167
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\305\060\202\002\255\240\003\002\001\002\002\020\002
\254\134\046\152\013\100\233\217\013\171\362\256\106\045\167\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\154
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\053\060\051\006\003\125\004\003\023\042\104\151\147\151\103\145
\162\164\040\110\151\147\150\040\101\163\163\165\162\141\156\143
\145\040\105\126\040\122\157\157\164\040\103\101\060\036\027\015
\060\066\061\061\061\060\060\060\060\060\060\060\132\027\015\063
\061\061\061\061\060\060\060\060\060\060\060\132\060\154\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006
\003\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111
\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167
\056\144\151\147\151\143\145\162\164\056\143\157\155\061\053\060
\051\006\003\125\004\003\023\042\104\151\147\151\103\145\162\164
\040\110\151\147\150\040\101\163\163\165\162\141\156\143\145\040
\105\126\040\122\157\157\164\040\103\101\060\202\001\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001
\017\000\060\202\001\012\002\202\001\001\000\306\314\345\163\346
\373\324\273\345\055\055\062\246\337\345\201\077\311\315\045\111

\266\161\052\303\325\224\064\147\242\012\034\260\137\151\246\100
\261\304\267\262\217\320\230\244\251\101\131\072\323\334\224\326
\074\333\164\070\244\112\314\115\045\202\367\112\245\123\022\070
\356\363\111\155\161\221\176\143\266\253\246\137\303\244\204\370
\117\142\121\276\370\305\354\333\070\222\343\006\345\010\221\014
\304\050\101\125\373\313\132\211\025\176\161\350\065\277\115\162
\011\075\276\072\070\120\133\167\061\033\215\263\307\044\105\232
\247\254\155\000\024\132\004\267\272\023\353\121\012\230\101\101
\042\116\145\141\207\201\101\120\246\171\134\211\336\031\112\127
\325\056\346\135\034\123\054\176\230\315\032\006\026\244\150\163
\320\064\004\023\134\241\161\323\132\174\125\333\136\144\341\067
\207\060\126\004\345\021\264\051\200\022\361\171\071\210\242\002
\021\174\047\146\267\210\267\170\362\312\012\250\070\253\012\144
\302\277\146\135\225\204\301\241\045\036\207\135\032\120\013\040
\022\314\101\273\156\013\121\070\270\113\313\002\003\001\000\001
\243\143\060\141\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024
\261\076\303\151\003\370\277\107\001\324\230\046\032\010\002\357
\143\144\053\303\060\037\006\003\125\035\043\004\030\060\026\200
\024\261\076\303\151\003\370\277\107\001\324\230\046\032\010\002
\357\143\144\053\303\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\003\202\001\001\000\034\032\006\227\334\327\234
\237\074\210\146\006\010\127\041\333\041\107\370\052\147\252\277
\030\062\166\100\020\127\301\212\363\172\331\021\145\216\065\372
\236\374\105\265\236\331\114\061\113\270\221\350\103\054\216\263
\170\316\333\343\123\171\161\326\345\041\224\001\332\125\207\232
\044\144\366\212\146\314\336\234\067\315\250\064\261\151\233\043
\310\236\170\042\053\160\103\343\125\107\061\141\031\357\130\305
\205\057\116\060\366\240\061\026\043\310\347\342\145\026\063\313
\277\032\033\240\075\370\312\136\213\061\213\140\010\211\055\014
\006\134\122\267\304\371\012\230\321\025\137\237\022\276\174\066
\143\070\275\104\244\177\344\046\053\012\304\227\151\015\351\214
\342\300\020\127\270\310\166\022\221\125\362\110\151\330\274\052
\002\133\017\104\324\040\061\333\364\272\160\046\135\220\140\236
\274\113\027\011\057\264\313\036\103\150\311\007\047\301\322\134
\367\352\041\271\150\022\234\074\234\277\236\374\200\134\233\143
\315\354\107\252\045\047\147\240\067\363\000\202\175\124\327\251
\370\351\056\023\243\167\350\037\112

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "DigiCert High Assurance EV Root CA"

Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

Serial Number:02:ac:5c:26:6a:0b:40:9b:8f:0b:79:f2:ae:46:25:77

Subject: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

```
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (SHA-256):
74:31:E5:F4:C3:C1:CE:46:90:77:4F:0B:61:E0:54:40:88:3B:A9:A0:1E:D0:0B:A6:AB:D7:80:6E:D3:B1:18:CF
# Fingerprint (SHA1): 5F:B7:EE:06:33:E2:59:DB:AD:0C:4C:9A:E6:D3:8F:1A:61:C7:DC:25
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert High Assurance EV Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\267\356\006\063\342\131\333\255\014\114\232\346\323\217\032
\141\307\334\045
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\324\164\336\127\134\071\262\323\234\205\203\305\300\145\111\212
END
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\002\254\134\046\152\013\100\233\217\013\171\362\256\106
\045\167
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SwissSign Platinum CA - G2"
#
# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
# Serial Number:4e:b2:00:67:0c:03:5d:4f
# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:36:00 2006
# Not Valid After : Sat Oct 25 08:36:00 2036
# Fingerprint (SHA-256):
3B:22:2E:56:67:11:E9:92:30:0D:C0:B1:5A:B9:47:3D:AF:DE:F8:C8:4D:0C:EF:7D:33:17:B4:C1:82:1D:14:36
# Fingerprint (SHA1): 56:E0:FA:C0:3B:8F:18:23:55:18:E5:D3:11:CA:E8:C2:43:31:AB:66
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151
\156\165\155\040\103\101\040\055\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151
\156\165\155\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\116\262\000\147\014\003\135\117
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\301\060\202\003\251\240\003\002\001\002\002\010\116
\262\000\147\014\003\135\117\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\111\061\013\060\011\006\003\125\004
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014
\123\167\151\163\163\123\151\147\156\040\101\107\061\043\060\041
\006\003\125\004\003\023\032\123\167\151\163\163\123\151\147\156
\040\120\154\141\164\151\156\165\155\040\103\101\040\055\040\107
\062\060\036\027\015\060\066\061\060\062\065\060\070\063\066\060
\060\132\027\015\063\066\061\060\062\065\060\070\063\066\060\060
\132\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163
\123\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003
\023\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164
\151\156\165\155\040\103\101\040\055\040\107\062\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\337\242
\002\342\332\370\374\007\026\261\336\140\252\336\226\134\144\037
\307\057\176\317\147\372\104\102\326\166\143\225\256\353\257\162
\040\212\105\107\206\142\170\206\326\040\071\046\364\256\243\375
\043\347\245\234\265\042\041\031\267\067\223\042\300\120\234\202
\173\324\325\004\104\134\313\264\302\237\222\276\044\330\173\147
\042\342\151\137\345\005\170\324\207\331\161\160\063\045\123\264
\207\073\051\220\050\066\232\125\104\060\150\244\203\227\177\015
\036\234\166\377\025\235\140\227\000\215\212\205\003\354\200\276
\352\054\156\020\121\222\314\176\325\243\063\330\326\111\336\130
```

\052\257\366\026\353\113\173\220\062\227\271\272\235\130\361\370
\127\111\004\036\242\135\006\160\335\161\333\371\335\213\232\033
\214\317\075\243\115\316\313\174\366\273\234\240\372\011\316\043
\142\262\351\015\037\342\162\050\217\237\254\150\040\175\157\073
\250\205\061\011\177\013\307\350\145\351\343\170\016\011\147\060
\213\064\202\373\135\340\314\235\201\155\142\356\010\036\004\054
\116\233\354\376\251\117\137\375\151\170\357\011\037\241\264\277
\372\363\357\220\036\114\005\213\036\352\172\221\172\303\327\345
\373\060\274\154\033\020\130\230\367\032\137\320\051\062\003\023
\106\115\141\152\205\114\122\164\057\006\037\173\021\342\204\227
\306\231\363\155\177\327\147\203\176\023\150\330\161\050\132\330
\316\335\350\020\024\232\376\155\043\207\156\216\132\160\074\325
\215\011\000\247\252\274\260\061\067\155\310\204\024\036\133\275
\105\143\040\153\113\164\214\275\333\072\016\301\317\132\026\217
\245\230\362\166\211\262\023\022\073\013\167\167\254\273\345\074
\051\112\222\162\312\141\032\053\136\114\342\203\164\167\372\065
\110\172\205\115\215\232\123\304\337\170\312\227\221\110\053\105
\053\001\367\034\032\242\355\030\272\012\275\203\372\157\274\215
\127\223\073\324\324\246\316\036\361\240\261\316\253\375\053\050
\232\117\033\327\303\162\333\244\304\277\135\114\365\335\173\226
\151\356\150\200\346\347\230\272\066\267\376\156\355\053\275\040
\370\145\031\332\125\011\176\045\334\376\141\142\162\371\176\030
\002\357\143\264\320\373\257\345\073\143\214\147\217\002\003\001
\000\001\243\201\254\060\201\251\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016
\004\026\004\024\120\257\314\007\207\025\107\157\070\305\264\145
\321\336\225\252\351\337\234\314\060\037\006\003\125\035\043\004
\030\060\026\200\024\120\257\314\007\207\025\107\157\070\305\264
\145\321\336\225\252\351\337\234\314\060\106\006\003\125\035\040
\004\077\060\075\060\073\006\011\140\205\164\001\131\001\001\001
\001\060\056\060\054\006\010\053\006\001\005\005\007\002\001\026
\040\150\164\164\160\072\057\057\162\145\160\157\163\151\164\157
\162\171\056\163\167\151\163\163\163\151\147\156\056\143\157\155
\057\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\002\001\000\010\205\246\365\026\014\374\104\032\301\143
\340\371\125\106\010\374\160\034\102\050\226\216\267\305\301\101
\165\116\011\161\171\345\155\226\312\113\245\210\140\320\060\164
\270\312\010\334\264\060\236\100\007\026\153\145\225\167\001\256
\244\267\065\013\201\332\161\025\251\164\027\070\173\130\312\371
\057\373\300\145\166\215\133\001\271\175\336\202\075\144\270\276
\024\164\243\012\124\323\054\225\030\027\065\365\121\153\077\217
\242\226\141\071\170\153\113\345\246\240\370\123\337\121\020\223
\142\347\200\057\342\321\340\274\216\066\106\167\063\354\270\373
\216\232\054\211\115\061\021\017\046\236\004\273\267\004\215\013
\362\271\374\132\235\073\026\267\057\310\230\253\376\212\120\131
\056\243\073\374\051\135\213\301\113\311\342\212\023\035\261\277
\273\102\035\122\335\116\330\024\136\020\306\061\007\357\161\047


```
\367\033\071\011\334\202\352\213\263\225\206\136\375\365\332\135
\061\246\340\061\266\224\346\104\111\164\305\026\345\367\037\003
\141\050\305\310\313\022\240\102\113\371\153\210\010\215\264\062
\030\363\165\237\304\177\000\117\005\225\234\243\027\002\303\263
\123\233\252\040\071\051\053\146\372\235\257\136\263\222\322\265
\246\341\032\371\055\101\151\201\024\264\264\265\355\211\075\316
\373\251\235\065\102\104\261\034\024\163\201\317\052\001\065\232
\061\325\055\217\155\204\337\200\115\127\343\077\305\204\165\332
\211\306\060\273\353\217\313\042\010\240\256\252\361\003\154\072
\113\115\011\245\016\162\306\126\153\041\102\116\043\045\024\150
\256\166\012\174\014\007\160\144\371\232\057\366\005\071\046\306
\014\217\031\177\103\136\156\364\133\025\057\333\141\135\346\147
\057\077\010\224\371\140\264\230\061\332\164\361\204\223\161\115
\137\373\140\130\321\373\304\301\155\211\242\273\040\037\235\161
\221\313\062\233\023\075\076\175\222\122\065\254\222\224\242\323
\030\302\174\307\352\257\166\005\026\335\147\047\302\176\034\007
\042\041\363\100\012\033\064\007\104\023\302\204\152\216\337\031
\132\277\177\353\035\342\032\070\321\134\257\107\222\153\200\265
\060\245\311\215\330\253\061\201\037\337\302\146\067\323\223\251
\205\206\171\145\322
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "SwissSign Platinum CA - G2"
```

```
# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
```

```
# Serial Number:4e:b2:00:67:0c:03:5d:4f
```

```
# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
```

```
# Not Valid Before: Wed Oct 25 08:36:00 2006
```

```
# Not Valid After : Sat Oct 25 08:36:00 2036
```

```
# Fingerprint (SHA-256):
```

```
3B:22:2E:56:67:11:E9:92:30:0D:C0:B1:5A:B9:47:3D:AF:DE:F8:C8:4D:0C:EF:7D:33:17:B4:C1:82:1D:14:36
```

```
# Fingerprint (SHA1): 56:E0:FA:C0:3B:8F:18:23:55:18:E5:D3:11:CA:E8:C2:43:31:AB:66
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\126\340\372\300\073\217\030\043\125\030\345\323\021\312\350\302
\103\061\253\146
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\311\230\047\167\050\036\075\016\025\074\204\000\270\205\003\346
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061
```

```
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151
\156\165\155\040\103\101\040\055\040\107\062
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\010\116\262\000\147\014\003\135\117
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

Certificate "SwissSign Gold CA - G2"

#

Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH

Serial Number:00:bb:40:1c:43:f5:5e:4f:b0

Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH

Not Valid Before: Wed Oct 25 08:30:35 2006

Not Valid After : Sat Oct 25 08:30:35 2036

Fingerprint (SHA-256):

```
62:DD:0B:E9:B9:F5:0A:16:3E:A0:F8:E7:5C:05:3B:1E:CA:57:EA:55:C8:68:8F:64:7C:68:81:F2:C8:35:7B:95
```

Fingerprint (SHA1): D8:C5:38:8A:B7:30:1B:1B:6E:D4:7A:E6:45:25:3A:6F:9F:1A:27:61

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SwissSign Gold CA - G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
\103\101\040\055\040\107\062
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
\103\101\040\055\040\107\062
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\011\000\273\100\034\103\365\136\117\260
```

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\272\060\202\003\242\240\003\002\001\002\002\011\000
\273\100\034\103\365\136\117\260\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\060\105\061\013\060\011\006\003\125
\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023
\014\123\167\151\163\163\123\151\147\156\040\101\107\061\037\060
\035\006\003\125\004\003\023\026\123\167\151\163\163\123\151\147
\156\040\107\157\154\144\040\103\101\040\055\040\107\062\060\036
\027\015\060\066\061\060\062\065\060\070\063\060\063\065\132\027
\015\063\066\061\060\062\065\060\070\063\060\063\065\132\060\105
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025\060
\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151\147
\156\040\101\107\061\037\060\035\006\003\125\004\003\023\026\123
\167\151\163\163\123\151\147\156\040\107\157\154\144\040\103\101
\040\055\040\107\062\060\202\002\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002
\012\002\202\002\001\000\257\344\356\176\213\044\016\022\156\251
\120\055\026\104\073\222\222\134\312\270\135\204\222\102\023\052
\274\145\127\202\100\076\127\044\315\120\213\045\052\267\157\374
\357\242\320\300\037\002\044\112\023\226\217\043\023\346\050\130
\000\243\107\307\006\247\204\043\053\273\275\226\053\177\125\314
\213\301\127\037\016\142\145\017\335\075\126\212\163\332\256\176
\155\272\201\034\176\102\214\040\065\331\103\115\204\372\204\333
\122\054\363\016\047\167\013\153\277\021\057\162\170\237\056\330
\076\346\030\067\132\052\162\371\332\142\220\222\225\312\037\234
\351\263\074\053\313\363\001\023\277\132\317\301\265\012\140\275
\335\265\231\144\123\270\240\226\263\157\342\046\167\221\214\340
\142\020\002\237\064\017\244\325\222\063\121\336\276\215\272\204
\172\140\074\152\333\237\053\354\336\336\001\077\156\115\345\120
\206\313\264\257\355\104\100\305\312\132\214\332\322\053\174\250
\356\276\246\345\012\252\016\245\337\005\122\267\125\307\042\135
\062\152\227\227\143\023\333\311\333\171\066\173\205\072\112\305
\122\211\371\044\347\235\167\251\202\377\125\034\245\161\151\053
\321\002\044\362\263\046\324\153\332\004\125\345\301\012\307\155
\060\067\220\052\344\236\024\063\136\026\027\125\305\133\265\313
\064\211\222\361\235\046\217\241\007\324\306\262\170\120\333\014
\014\013\174\013\214\101\327\271\351\335\214\210\367\243\115\262
\062\314\330\027\332\315\267\316\146\235\324\375\136\377\275\227
\076\051\165\347\176\247\142\130\257\045\064\245\101\307\075\274
\015\120\312\003\003\017\010\132\037\225\163\170\142\277\257\162
\024\151\016\245\345\003\016\170\216\046\050\102\360\007\013\142
\040\020\147\071\106\372\251\003\314\004\070\172\146\357\040\203
\265\214\112\126\216\221\000\374\216\134\202\336\210\240\303\342
\150\156\175\215\357\074\335\145\364\135\254\121\357\044\200\256
\252\126\227\157\371\255\175\332\141\077\230\167\074\245\221\266
\034\214\046\332\145\242\011\155\301\342\124\343\271\312\114\114
\200\217\167\173\140\232\036\337\266\362\110\036\016\272\116\124
\155\230\340\341\242\032\242\167\120\317\304\143\222\354\107\031

\235\353\346\153\316\301\002\003\001\000\001\243\201\254\060\201
\251\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\035\006\003\125\035\016\004\026\004\024\133\045\173
\226\244\145\121\176\270\071\363\300\170\146\136\350\072\347\360
\356\060\037\006\003\125\035\043\004\030\060\026\200\024\133\045
\173\226\244\145\121\176\270\071\363\300\170\146\136\350\072\347
\360\356\060\106\006\003\125\035\040\004\077\060\075\060\073\006
\011\140\205\164\001\131\001\002\001\001\060\056\060\054\006\010
\053\006\001\005\005\007\002\001\026\040\150\164\164\160\072\057
\057\162\145\160\157\163\151\164\157\162\171\056\163\167\151\163
\163\163\151\147\156\056\143\157\155\057\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\047\272
\343\224\174\361\256\300\336\027\346\345\330\325\365\124\260\203
\364\273\315\136\005\173\117\237\165\146\257\074\350\126\176\374
\162\170\070\003\331\053\142\033\000\271\370\351\140\315\314\316
\121\212\307\120\061\156\341\112\176\030\057\151\131\266\075\144
\201\053\343\203\204\346\042\207\216\175\340\356\002\231\141\270
\036\364\270\053\210\022\026\204\302\061\223\070\226\061\246\271
\073\123\077\303\044\223\126\133\151\222\354\305\301\273\070\000
\343\354\027\251\270\334\307\174\001\203\237\062\107\272\122\042
\064\035\062\172\011\126\247\174\045\066\251\075\113\332\300\202
\157\012\273\022\310\207\113\047\021\371\036\055\307\223\077\236
\333\137\046\153\122\331\056\212\361\024\306\104\215\025\251\267
\277\275\336\246\032\356\256\055\373\110\167\027\376\273\354\257
\030\365\052\121\360\071\204\227\225\154\156\033\303\053\304\164
\140\171\045\260\012\047\337\337\136\322\071\317\105\175\102\113
\337\263\054\036\305\306\135\312\125\072\240\234\151\232\217\332
\357\262\260\074\237\207\154\022\053\145\160\025\122\061\032\044
\317\157\061\043\120\037\214\117\217\043\303\164\101\143\034\125
\250\024\335\076\340\121\120\317\361\033\060\126\016\222\260\202
\205\330\203\313\042\144\274\055\270\045\325\124\242\270\006\352
\255\222\244\044\240\301\206\265\112\023\152\107\317\056\013\126
\225\124\313\316\232\333\152\264\246\262\333\101\010\206\047\167
\367\152\240\102\154\013\070\316\327\165\120\062\222\302\337\053
\060\042\110\320\325\101\070\045\135\244\351\135\237\306\224\165
\320\105\375\060\227\103\217\220\253\012\307\206\163\140\112\151
\055\336\245\170\327\006\332\152\236\113\076\167\072\040\023\042
\001\320\277\150\236\143\140\153\065\115\013\155\272\241\075\300
\223\340\177\043\263\125\255\162\045\116\106\371\322\026\357\260
\144\301\001\236\351\312\240\152\230\016\317\330\140\362\057\111
\270\344\102\341\070\065\026\364\310\156\117\367\201\126\350\272
\243\276\043\257\256\375\157\003\340\002\073\060\166\372\033\155
\101\317\001\261\351\270\311\146\364\333\046\363\072\244\164\362
\111\044\133\311\260\320\127\301\372\076\172\341\227\311

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "SwissSign Gold CA - G2"

Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH

Serial Number:00:bb:40:1c:43:f5:5e:4f:b0

Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH

Not Valid Before: Wed Oct 25 08:30:35 2006

Not Valid After : Sat Oct 25 08:30:35 2036

Fingerprint (SHA-256):

62:DD:0B:E9:B9:F5:0A:16:3E:A0:F8:E7:5C:05:3B:1E:CA:57:EA:55:C8:68:8F:64:7C:68:81:F2:C8:35:7B:95

Fingerprint (SHA1): D8:C5:38:8A:B7:30:1B:1B:6E:D4:7A:E6:45:25:3A:6F:9F:1A:27:61

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SwissSign Gold CA - G2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\330\305\070\212\267\060\033\033\156\324\172\346\105\045\072\157
\237\032\047\141

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\044\167\331\250\221\321\073\372\210\055\302\377\370\315\063\223

END

CKA_ISSUER MULTILINE_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
\103\101\040\055\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\011\000\273\100\034\103\365\136\117\260

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "SwissSign Silver CA - G2"

#

Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH

Serial Number:4f:1b:d4:2f:54:bb:2f:4b

Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH

Not Valid Before: Wed Oct 25 08:32:46 2006

Not Valid After : Sat Oct 25 08:32:46 2036

Fingerprint (SHA-256):

BE:6C:4D:A2:BB:B9:BA:59:B6:F3:93:97:68:37:42:46:C3:C0:05:99:3F:A9:8F:02:0D:1D:ED:BE:D4:8A:81:D5

Fingerprint (SHA1): 9B:AA:E5:9F:56:EE:21:CB:43:5A:BE:25:93:DF:A7:F0:40:D1:1D:CB

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SwissSign Silver CA - G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\117\033\324\057\124\273\057\113

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\275\060\202\003\245\240\003\002\001\002\002\010\117
\033\324\057\124\273\057\113\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\107\061\013\060\011\006\003\125\004
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014
\123\167\151\163\163\123\151\147\156\040\101\107\061\041\060\037
\006\003\125\004\003\023\030\123\167\151\163\163\123\151\147\156
\040\123\151\154\166\145\162\040\103\101\040\055\040\107\062\060
\036\027\015\060\066\061\060\062\065\060\070\063\062\064\066\132
\027\015\063\066\061\060\062\065\060\070\063\062\064\066\132\060
\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025
\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151
\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023\030
\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145\162
\040\103\101\040\055\040\107\062\060\202\002\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000
\060\202\002\012\002\202\002\001\000\304\361\207\177\323\170\061
\367\070\311\370\303\231\103\274\307\367\274\067\347\116\161\272
\113\217\245\163\035\134\156\230\256\003\127\256\070\067\103\057
\027\075\037\310\316\150\020\301\170\256\031\003\053\020\372\054
\171\203\366\350\271\150\271\125\362\004\104\247\071\371\374\004
\213\036\361\242\115\047\371\141\173\272\267\345\242\023\266\353
\141\076\320\154\321\346\373\372\136\355\035\264\236\240\065\133

\241\222\313\360\111\222\376\205\012\005\076\346\331\013\342\117
\273\334\225\067\374\221\351\062\065\042\321\037\072\116\047\205
\235\260\025\224\062\332\141\015\107\115\140\102\256\222\107\350
\203\132\120\130\351\212\213\271\135\241\334\335\231\112\037\066
\147\273\110\344\203\266\067\353\110\072\257\017\147\217\027\007
\350\004\312\357\152\061\207\324\300\266\371\224\161\173\147\144
\270\266\221\112\102\173\145\056\060\152\014\365\220\356\225\346
\362\315\202\354\331\241\112\354\366\262\113\345\105\205\346\155
\170\223\004\056\234\202\155\066\251\304\061\144\037\206\203\013
\052\364\065\012\170\311\125\317\101\260\107\351\060\237\231\276
\141\250\006\204\271\050\172\137\070\331\033\251\070\260\203\177
\163\301\303\073\110\052\202\017\041\233\270\314\250\065\303\204
\033\203\263\076\276\244\225\151\001\072\211\000\170\004\331\311
\364\231\031\253\126\176\133\213\206\071\025\221\244\020\054\011
\062\200\140\263\223\300\052\266\030\013\235\176\215\111\362\020
\112\177\371\325\106\057\031\222\243\231\247\046\254\273\214\074
\346\016\274\107\007\334\163\121\361\160\144\057\010\371\264\107
\035\060\154\104\352\051\067\205\222\150\146\274\203\070\376\173
\071\056\323\120\360\037\373\136\140\266\251\246\372\047\101\361
\233\030\162\362\365\204\164\112\311\147\304\124\256\110\144\337
\214\321\156\260\035\341\007\217\010\036\231\234\161\351\114\330
\245\367\107\022\037\164\321\121\236\206\363\302\242\043\100\013
\163\333\113\246\347\163\006\214\301\240\351\301\131\254\106\372
\346\057\370\317\161\234\106\155\271\304\025\215\070\171\003\105
\110\357\304\135\327\010\356\207\071\042\206\262\015\017\130\103
\367\161\251\110\056\375\352\326\037\002\003\001\000\001\243\201
\254\060\201\251\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024
\027\240\315\301\344\101\266\072\133\073\313\105\235\275\034\302
\230\372\206\130\060\037\006\003\125\035\043\004\030\060\026\200
\024\027\240\315\301\344\101\266\072\133\073\313\105\235\275\034
\302\230\372\206\130\060\106\006\003\125\035\040\004\077\060\075
\060\073\006\011\140\205\164\001\131\001\003\001\001\060\056\060
\054\006\010\053\006\001\005\005\007\002\001\026\040\150\164\164
\160\072\057\057\162\145\160\157\163\151\164\157\162\171\056\163
\167\151\163\163\163\151\147\156\056\143\157\155\057\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001
\000\163\306\201\340\047\322\055\017\340\225\060\342\232\101\177
\120\054\137\137\142\141\251\206\152\151\030\014\164\111\326\135
\204\352\101\122\030\157\130\255\120\126\040\152\306\275\050\151
\130\221\334\221\021\065\251\072\035\274\032\245\140\236\330\037
\177\105\221\151\331\176\273\170\162\301\006\017\052\316\217\205
\160\141\254\240\315\013\270\071\051\126\204\062\116\206\273\075
\304\052\331\327\037\162\356\376\121\241\042\101\261\161\002\143
\032\202\260\142\253\136\127\022\037\337\313\335\165\240\300\135
\171\220\214\033\340\120\346\336\061\376\230\173\160\137\245\220
\330\255\370\002\266\157\323\140\335\100\113\042\305\075\255\072

```
\172\237\032\032\107\221\171\063\272\202\334\062\151\003\226\156
\037\113\360\161\376\343\147\162\240\261\277\134\213\344\372\231
\042\307\204\271\033\215\043\227\077\355\045\340\317\145\273\365
\141\004\357\335\036\262\132\101\042\132\241\237\135\054\350\133
\311\155\251\014\014\170\252\140\306\126\217\001\132\014\150\274
\151\031\171\304\037\176\227\005\277\305\351\044\121\136\324\325
\113\123\355\331\043\132\066\003\145\243\301\003\255\101\060\363
\106\033\205\220\257\145\265\325\261\344\026\133\170\165\035\227
\172\155\131\251\052\217\173\336\303\207\211\020\231\111\163\170
\310\075\275\121\065\164\052\325\361\176\151\033\052\273\073\275
\045\270\232\132\075\162\141\220\146\207\356\014\326\115\324\021
\164\013\152\376\013\003\374\243\125\127\211\376\112\313\256\133
\027\005\310\362\215\043\061\123\070\322\055\152\077\202\271\215
\010\152\367\136\101\164\156\303\021\176\007\254\051\140\221\077
\070\312\127\020\015\275\060\057\307\245\346\101\240\332\256\005
\207\232\240\244\145\154\114\011\014\211\272\270\323\271\300\223
\212\060\372\215\345\232\153\025\001\116\147\252\332\142\126\076
\204\010\146\322\304\066\175\247\076\020\374\210\340\324\200\345
\000\275\252\363\116\006\243\172\152\371\142\162\343\011\117\353
\233\016\001\043\361\237\273\174\334\334\154\021\227\045\262\362
\264\143\024\322\006\052\147\214\203\365\316\352\007\330\232\152
\036\354\344\012\273\052\114\353\011\140\071\316\312\142\330\056
\156
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "SwissSign Silver CA - G2"
```

```
# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
```

```
# Serial Number:4f:1b:d4:2f:54:bb:2f:4b
```

```
# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
```

```
# Not Valid Before: Wed Oct 25 08:32:46 2006
```

```
# Not Valid After : Sat Oct 25 08:32:46 2036
```

```
# Fingerprint (SHA-256):
```

```
BE:6C:4D:A2:BB:B9:BA:59:B6:F3:93:97:68:37:42:46:C3:C0:05:99:3F:A9:8F:02:0D:1D:ED:BE:D4:8A:81:D5
```

```
# Fingerprint (SHA1): 9B:AA:E5:9F:56:EE:21:CB:43:5A:BE:25:93:DF:A7:F0:40:D1:1D:CB
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SwissSign Silver CA - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\233\252\345\237\126\356\041\313\103\132\276\045\223\337\247\360
```

```
\100\321\035\313
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\340\006\241\311\175\317\311\374\015\300\126\165\226\330\142\023
```



```

END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\117\033\324\057\124\273\057\113
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SecureTrust CA"
#
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0
# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:31:18 2006
# Not Valid After : Mon Dec 31 19:40:55 2029
# Fingerprint (SHA-256):
F1:C1:B5:0A:E5:A2:0D:D8:03:0E:C9:F6:BC:24:82:3D:D3:67:B5:25:57:59:B4:E7:1B:61:FC:E9:F7:37:5D:73
# Fingerprint (SHA1): 87:82:C6:C3:04:35:3B:CF:D2:96:92:D2:59:3E:7D:44:D9:34:FF:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureTrust CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030
\131\320

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\270\060\202\002\240\240\003\002\001\002\002\020\014
\360\216\134\010\026\245\255\102\177\360\353\047\030\131\320\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\110
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\040\060
\036\006\003\125\004\012\023\027\123\145\143\165\162\145\124\162
\165\163\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\027\060\025\006\003\125\004\003\023\016\123\145\143\165\162\145
\124\162\165\163\164\040\103\101\060\036\027\015\060\066\061\061
\060\067\061\071\063\061\061\070\132\027\015\062\071\061\062\063
\061\061\071\064\060\065\065\132\060\110\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\040\060\036\006\003\125\004\012
\023\027\123\145\143\165\162\145\124\162\165\163\164\040\103\157
\162\160\157\162\141\164\151\157\156\061\027\060\025\006\003\125
\004\003\023\016\123\145\143\165\162\145\124\162\165\163\164\040
\103\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\253\244\201\345\225\315\365\366\024\216\302\117\312
\324\342\170\225\130\234\101\341\015\231\100\044\027\071\221\063
\146\351\276\341\203\257\142\134\211\321\374\044\133\141\263\340
\021\021\101\034\035\156\360\270\273\370\336\247\201\272\246\110
\306\237\035\275\276\216\251\101\076\270\224\355\051\032\324\216
\322\003\035\003\357\155\015\147\034\127\327\006\255\312\310\365
\376\016\257\146\045\110\004\226\013\135\243\272\026\303\010\117
\321\106\370\024\134\362\310\136\001\231\155\375\210\314\206\250
\301\157\061\102\154\122\076\150\313\363\031\064\337\273\207\030
\126\200\046\304\320\334\300\157\337\336\240\302\221\026\240\144
\021\113\104\274\036\366\347\372\143\336\146\254\166\244\161\243
\354\066\224\150\172\167\244\261\347\016\057\201\172\342\265\162
\206\357\242\153\213\360\017\333\323\131\077\272\162\274\104\044
\234\343\163\263\367\257\127\057\102\046\235\251\164\272\000\122
\362\113\315\123\174\107\013\066\205\016\146\251\010\227\026\064
\127\301\146\367\200\343\355\160\124\307\223\340\056\050\025\131
\207\272\273\002\003\001\000\001\243\201\235\060\201\232\060\023
\006\011\053\006\001\004\001\202\067\024\002\004\006\036\004\000
\103\000\101\060\013\006\003\125\035\017\004\004\003\002\001\206
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\035\006\003\125\035\016\004\026\004\024\102\062\266\026
\372\004\375\376\135\113\172\303\375\367\114\100\035\132\103\257
\060\064\006\003\125\035\037\004\055\060\053\060\051\240\047\240
\045\206\043\150\164\164\160\072\057\057\143\162\154\056\163\145
\143\165\162\145\164\162\165\163\164\056\143\157\155\057\123\124
\103\101\056\143\162\154\060\020\006\011\053\006\001\004\001\202
\067\025\001\004\003\002\001\000\060\015\006\011\052\206\110\206

```
\367\015\001\001\005\005\000\003\202\001\001\000\060\355\117\112
\341\130\072\122\162\133\265\246\243\145\030\246\273\121\073\167
\351\235\352\323\237\134\340\105\145\173\015\312\133\342\160\120
\262\224\005\024\256\111\307\215\101\007\022\163\224\176\014\043
\041\375\274\020\177\140\020\132\162\365\230\016\254\354\271\177
\335\172\157\135\323\034\364\377\210\005\151\102\251\005\161\310
\267\254\046\350\056\264\214\152\377\161\334\270\261\337\231\274
\174\041\124\053\344\130\242\273\127\051\256\236\251\243\031\046
\017\231\056\010\260\357\375\151\317\231\032\011\215\343\247\237
\053\311\066\064\173\044\263\170\114\225\027\244\006\046\036\266
\144\122\066\137\140\147\331\234\305\005\164\013\347\147\043\322
\010\374\210\351\256\213\177\341\060\364\067\176\375\306\062\332
\055\236\104\060\060\154\356\007\336\322\064\374\322\377\100\366
\113\364\146\106\006\124\246\362\062\012\143\046\060\153\233\321
\334\213\107\272\341\271\325\142\320\242\240\364\147\005\170\051
\143\032\157\004\326\370\306\114\243\232\261\067\264\215\345\050
\113\035\236\054\302\270\150\274\355\002\356\061
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "SecureTrust CA"
```

```
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
```

```
# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0
```

```
# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
```

```
# Not Valid Before: Tue Nov 07 19:31:18 2006
```

```
# Not Valid After : Mon Dec 31 19:40:55 2029
```

```
# Fingerprint (SHA-256):
```

```
F1:C1:B5:0A:E5:A2:0D:D8:03:0E:C9:F6:BC:24:82:3D:D3:67:B5:25:57:59:B4:E7:1B:61:FC:E9:F7:37:5D:73
```

```
# Fingerprint (SHA1): 87:82:C6:C3:04:35:3B:CF:D2:96:92:D2:59:3E:7D:44:D9:34:FF:11
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SecureTrust CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\207\202\306\303\004\065\073\317\322\226\222\322\131\076\175\104
\331\064\377\021
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\334\062\303\247\155\045\127\307\150\011\235\352\055\251\242\321
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
```

```

\162\145\124\162\165\163\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030
\131\320
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Secure Global CA"
#
# Issuer: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Serial Number:07:56:22:a4:e8:d4:8a:89:4d:f4:13:c8:f0:f8:ea:a5
# Subject: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:42:28 2006
# Not Valid After : Mon Dec 31 19:52:06 2029
# Fingerprint (SHA-256):
42:00:F5:04:3A:C8:59:0E:BB:52:7D:20:9E:D1:50:30:29:FB:CB:D4:1C:A1:B5:06:EC:27:F1:5A:DE:7D:AC:69
# Fingerprint (SHA1): 3A:44:73:5A:E5:81:90:1F:24:86:61:46:1E:3B:9C:C4:5F:F5:3A:1B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Secure Global CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
END
CKA_VALUE MULTILINE_OCTAL

```

\060\202\003\274\060\202\002\244\240\003\002\001\002\002\020\007
\126\042\244\350\324\212\211\115\364\023\310\360\370\352\245\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\112
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\040\060
\036\006\003\125\004\012\023\027\123\145\143\165\162\145\124\162
\165\163\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\031\060\027\006\003\125\004\003\023\020\123\145\143\165\162\145
\040\107\154\157\142\141\154\040\103\101\060\036\027\015\060\066
\061\061\060\067\061\071\064\062\062\070\132\027\015\062\071\061
\062\063\061\061\071\065\062\060\066\132\060\112\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\040\060\036\006\003\125
\004\012\023\027\123\145\143\165\162\145\124\162\165\163\164\040
\103\157\162\160\157\162\141\164\151\157\156\061\031\060\027\006
\003\125\004\003\023\020\123\145\143\165\162\145\040\107\154\157
\142\141\154\040\103\101\060\202\001\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202
\001\012\002\202\001\001\000\257\065\056\330\254\154\125\151\006
\161\345\023\150\044\263\117\330\314\041\107\370\361\140\070\211
\211\003\351\275\352\136\106\123\011\334\134\365\132\350\367\105
\052\002\353\061\141\327\051\063\114\316\307\174\012\067\176\017
\272\062\230\341\035\227\257\217\307\334\311\070\226\363\333\032
\374\121\355\150\306\320\156\244\174\044\321\256\102\310\226\120
\143\056\340\376\165\376\230\247\137\111\056\225\343\071\063\144
\216\036\244\137\220\322\147\074\262\331\376\101\271\125\247\011
\216\162\005\036\213\335\104\205\202\102\320\111\300\035\140\360
\321\027\054\225\353\366\245\301\222\243\305\302\247\010\140\015
\140\004\020\226\171\236\026\064\346\251\266\372\045\105\071\310
\036\145\371\223\365\252\361\122\334\231\230\075\245\206\032\014
\065\063\372\113\245\004\006\025\034\061\200\357\252\030\153\302
\173\327\332\316\371\063\040\325\365\275\152\063\055\201\004\373
\260\134\324\234\243\342\134\035\343\251\102\165\136\173\324\167
\357\071\124\272\311\012\030\033\022\231\111\057\210\113\375\120
\142\321\163\347\217\172\103\002\003\001\000\001\243\201\235\060
\201\232\060\023\006\011\053\006\001\004\001\202\067\024\002\004
\006\036\004\000\103\000\101\060\013\006\003\125\035\017\004\004
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024
\257\104\004\302\101\176\110\203\333\116\071\002\354\354\204\172
\346\316\311\244\060\064\006\003\125\035\037\004\055\060\053\060
\051\240\047\240\045\206\043\150\164\164\160\072\057\057\143\162
\154\056\163\145\143\165\162\145\164\162\165\163\164\056\143\157
\155\057\123\107\103\101\056\143\162\154\060\020\006\011\053\006
\001\004\001\202\067\025\001\004\003\002\001\000\060\015\006\011
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000
\143\032\010\100\175\244\136\123\015\167\330\172\256\037\015\013
\121\026\003\357\030\174\310\343\257\152\130\223\024\140\221\262
\204\334\210\116\276\071\212\072\363\346\202\211\135\001\067\263
\253\044\244\025\016\222\065\132\112\104\136\116\127\372\165\316

```
\037\110\316\146\364\074\100\046\222\230\154\033\356\044\106\014
\027\263\122\245\333\245\221\221\317\067\323\157\347\047\010\072
\116\031\037\072\247\130\134\027\317\171\077\213\344\247\323\046
\043\235\046\017\130\151\374\107\176\262\320\215\213\223\277\051
\117\103\151\164\166\147\113\317\007\214\346\002\367\265\341\264
\103\265\113\055\024\237\371\334\046\015\277\246\107\164\006\330
\210\321\072\051\060\204\316\322\071\200\142\033\250\307\127\111
\274\152\125\121\147\025\112\276\065\007\344\325\165\230\067\171
\060\024\333\051\235\154\305\151\314\107\125\242\060\367\314\134
\177\302\303\230\034\153\116\026\200\353\172\170\145\105\242\000
\032\257\014\015\125\144\064\110\270\222\271\361\264\120\051\362
\117\043\037\332\154\254\037\104\341\335\043\170\121\133\307\026
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Secure Global CA"
```

```
# Issuer: CN=Secure Global CA,O=SecureTrust Corporation,C=US
```

```
# Serial Number:07:56:22:a4:e8:d4:8a:89:4d:f4:13:c8:f0:f8:ea:a5
```

```
# Subject: CN=Secure Global CA,O=SecureTrust Corporation,C=US
```

```
# Not Valid Before: Tue Nov 07 19:42:28 2006
```

```
# Not Valid After : Mon Dec 31 19:52:06 2029
```

```
# Fingerprint (SHA-256):
```

```
42:00:F5:04:3A:C8:59:0E:BB:52:7D:20:9E:D1:50:30:29:FB:CB:D4:1C:A1:B5:06:EC:27:F1:5A:DE:7D:AC:69
```

```
# Fingerprint (SHA1): 3A:44:73:5A:E5:81:90:1F:24:86:61:46:1E:3B:9C:C4:5F:F5:3A:1B
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Secure Global CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\072\104\163\132\345\201\220\037\044\206\141\106\036\073\234\304
\137\365\072\033
```

```
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\317\364\047\015\324\355\334\145\026\111\155\075\332\277\156\336
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
```

```

END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "COMODO Certification Authority"
#
# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (SHA-256):
0C:2C:D6:3D:F7:80:6F:A3:99:ED:E8:09:11:6B:57:5B:F8:79:89:F0:65:18:F9:80:8C:86:05:03:17:8B:AF:66
# Fingerprint (SHA1): 66:31:BF:9E:F7:4F:9E:B6:C9:D5:A6:0C:BA:6A:BE:D1:F7:BD:EF:7B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END

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CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106
\345\075

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\035\060\202\003\005\240\003\002\001\002\002\020\116
\201\055\212\202\145\340\013\002\356\076\065\002\106\345\075\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\201\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033
\060\031\006\003\125\004\010\023\022\107\162\145\141\164\145\162
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006
\003\125\004\007\023\007\123\141\154\146\157\162\144\061\032\060
\030\006\003\125\004\012\023\021\103\117\115\117\104\117\040\103
\101\040\114\151\155\151\164\145\144\061\047\060\045\006\003\125
\004\003\023\036\103\117\115\117\104\117\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\060\036\027\015\060\066\061\062\060\061\060\060\060\060
\060\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065
\071\132\060\201\201\061\013\060\011\006\003\125\004\006\023\002
\107\102\061\033\060\031\006\003\125\004\010\023\022\107\162\145
\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162\061
\020\060\016\006\003\125\004\007\023\007\123\141\154\146\157\162
\144\061\032\060\030\006\003\125\004\012\023\021\103\117\115\117
\104\117\040\103\101\040\114\151\155\151\164\145\144\061\047\060
\045\006\003\125\004\003\023\036\103\117\115\117\104\117\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202
\001\012\002\202\001\001\000\320\100\213\213\162\343\221\033\367
\121\301\033\124\004\230\323\251\277\301\346\212\135\073\207\373
\273\210\316\015\343\057\077\006\226\360\242\051\120\231\256\333
\073\241\127\260\164\121\161\315\355\102\221\115\101\376\251\310
\330\152\206\167\104\273\131\146\227\120\136\264\324\054\160\104
\317\332\067\225\102\151\074\060\304\161\263\122\360\041\115\241
\330\272\071\174\034\236\243\044\235\362\203\026\230\252\026\174
\103\233\025\133\267\256\064\221\376\324\142\046\030\106\232\077
\353\301\371\361\220\127\353\254\172\015\213\333\162\060\152\146
\325\340\106\243\160\334\150\331\377\004\110\211\167\336\265\351
\373\147\155\101\351\274\071\275\062\331\142\002\361\261\250\075
\156\067\234\342\057\342\323\242\046\213\306\270\125\103\210\341
\043\076\245\322\044\071\152\107\253\000\324\241\263\251\045\376
\015\077\247\035\272\323\121\301\013\244\332\254\070\357\125\120
\044\005\145\106\223\064\117\055\215\255\306\324\041\031\322\216
\312\005\141\161\007\163\107\345\212\031\022\275\004\115\316\116
\234\245\110\254\273\046\367\002\003\001\000\001\243\201\216\060
\201\213\060\035\006\003\125\035\016\004\026\004\024\013\130\345
\213\306\114\025\067\244\100\251\060\251\041\276\107\066\132\126
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001

\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\111\006\003\125\035\037\004\102\060\100\060\076\240
\074\240\072\206\070\150\164\164\160\072\057\057\143\162\154\056
\143\157\155\157\144\157\143\141\056\143\157\155\057\103\117\115
\117\104\117\103\145\162\164\151\146\151\143\141\164\151\157\156
\101\165\164\150\157\162\151\164\171\056\143\162\154\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\076\230\236\233\366\033\351\327\071\267\170\256\035\162\030
\111\323\207\344\103\202\353\077\311\252\365\250\265\357\125\174
\041\122\145\371\325\015\341\154\364\076\214\223\163\221\056\002
\304\116\007\161\157\300\217\070\141\010\250\036\201\012\300\057
\040\057\101\213\221\334\110\105\274\361\306\336\272\166\153\063
\310\000\055\061\106\114\355\347\235\317\210\224\377\063\300\126
\350\044\206\046\270\330\070\070\337\052\153\335\022\314\307\077
\107\027\114\242\302\006\226\011\326\333\376\077\074\106\101\337
\130\342\126\017\074\073\301\034\223\065\331\070\122\254\356\310
\354\056\060\116\224\065\264\044\037\113\170\151\332\362\002\070
\314\225\122\223\360\160\045\131\234\040\147\304\356\371\213\127
\141\364\222\166\175\077\204\215\125\267\350\345\254\325\361\365
\031\126\246\132\373\220\034\257\223\353\345\034\324\147\227\135
\004\016\276\013\203\246\027\203\271\060\022\240\305\063\025\005
\271\015\373\307\005\166\343\330\112\215\374\064\027\243\306\041
\050\276\060\105\061\036\307\170\276\130\141\070\254\073\342\001
\145

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "COMODO Certification Authority"

Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB

Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d

Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB

Not Valid Before: Fri Dec 01 00:00:00 2006

Not Valid After : Mon Dec 31 23:59:59 2029

Fingerprint (SHA-256):

0C:2C:D6:3D:F7:80:6F:A3:99:ED:E8:09:11:6B:57:5B:F8:79:89:F0:65:18:F9:80:8C:86:05:03:17:8B:AF:66

Fingerprint (SHA1): 66:31:BF:9E:F7:4F:9E:B6:C9:D5:A6:0C:BA:6A:BE:D1:F7:BD:EF:7B

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "COMODO Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\146\061\277\236\367\117\236\266\311\325\246\014\272\152\276\321

\367\275\357\173

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\134\110\334\367\102\162\354\126\224\155\034\314\161\065\200\165
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106
\345\075
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Network Solutions Certificate Authority"
#
# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Serial Number:57:cb:33:6f:c2:5c:16:e6:47:16:17:e3:90:31:68:e0
# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (SHA-256):
15:F0:BA:00:A3:AC:7A:F3:AC:88:4C:07:2B:10:11:A0:77:BD:77:C0:97:F4:01:64:B2:F8:59:8A:BD:83:86:0C
# Fingerprint (SHA1): 74:F8:A3:C3:EF:E7:B3:90:06:4B:83:90:3C:21:64:60:20:E5:DF:CE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions Certificate Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157

```

\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061
\150\340

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\346\060\202\002\316\240\003\002\001\002\002\020\127
\313\063\157\302\134\026\346\107\026\027\343\220\061\150\340\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\142
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041\060
\037\006\003\125\004\012\023\030\116\145\164\167\157\162\153\040
\123\157\154\165\164\151\157\156\163\040\114\056\114\056\103\056
\061\060\060\056\006\003\125\004\003\023\047\116\145\164\167\157
\162\153\040\123\157\154\165\164\151\157\156\163\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\060\036\027\015\060\066\061\062\060\061\060\060\060\060
\060\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065
\071\132\060\142\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\041\060\037\006\003\125\004\012\023\030\116\145\164\167
\157\162\153\040\123\157\154\165\164\151\157\156\163\040\114\056
\114\056\103\056\061\060\060\056\006\003\125\004\003\023\047\116
\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202
\001\012\002\202\001\001\000\344\274\176\222\060\155\306\330\216
\053\013\274\106\316\340\047\226\336\336\371\372\022\323\074\063
\163\263\004\057\274\161\214\345\237\266\042\140\076\137\135\316
\011\377\202\014\033\232\121\120\032\046\211\335\325\141\135\031
\334\022\017\055\012\242\103\135\027\320\064\222\040\352\163\317
\070\054\006\046\011\172\162\367\372\120\062\370\302\223\323\151
\242\043\316\101\261\314\344\325\037\066\321\212\072\370\214\143
\342\024\131\151\355\015\323\177\153\350\270\003\345\117\152\345
\230\143\151\110\005\276\056\377\063\266\351\227\131\151\370\147
\031\256\223\141\226\104\025\323\162\260\077\274\152\175\354\110
\177\215\303\253\252\161\053\123\151\101\123\064\265\260\271\305
\006\012\304\260\105\365\101\135\156\211\105\173\075\073\046\214

\164\302\345\322\321\175\262\021\324\373\130\062\042\232\200\311
\334\375\014\351\177\136\003\227\316\073\000\024\207\047\160\070
\251\216\156\263\047\166\230\121\340\005\343\041\253\032\325\205
\042\074\051\265\232\026\305\200\250\364\273\153\060\217\057\106
\002\242\261\014\042\340\323\002\003\001\000\001\243\201\227\060
\201\224\060\035\006\003\125\035\016\004\026\004\024\041\060\311
\373\000\327\116\230\332\207\252\052\320\247\056\261\100\061\247
\114\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\122\006\003\125\035\037\004\113\060\111\060\107\240
\105\240\103\206\101\150\164\164\160\072\057\057\143\162\154\056
\156\145\164\163\157\154\163\163\154\056\143\157\155\057\116\145
\164\167\157\162\153\123\157\154\165\164\151\157\156\163\103\145
\162\164\151\146\151\143\141\164\145\101\165\164\150\157\162\151
\164\171\056\143\162\154\060\015\006\011\052\206\110\206\367\015
\001\001\005\005\000\003\202\001\001\000\273\256\113\347\267\127
\353\177\252\055\267\163\107\205\152\301\344\245\035\344\347\074
\351\364\131\145\167\265\172\133\132\215\045\066\340\172\227\056
\070\300\127\140\203\230\006\203\237\271\166\172\156\120\340\272
\210\054\374\105\314\030\260\231\225\121\016\354\035\270\210\377
\207\120\034\202\302\343\340\062\200\277\240\013\107\310\303\061
\357\231\147\062\200\117\027\041\171\014\151\134\336\136\064\256
\002\265\046\352\120\337\177\030\145\054\311\362\143\341\251\007
\376\174\161\037\153\063\044\152\036\005\367\005\150\300\152\022
\313\056\136\141\313\256\050\323\176\302\264\146\221\046\137\074
\056\044\137\313\130\017\353\050\354\257\021\226\363\334\173\157
\300\247\210\362\123\167\263\140\136\256\256\050\332\065\054\157
\064\105\323\046\341\336\354\133\117\047\153\026\174\275\104\004
\030\202\263\211\171\027\020\161\075\172\242\026\116\365\001\315
\244\154\145\150\241\111\166\134\103\311\330\274\066\147\154\245
\224\265\324\314\271\275\152\065\126\041\336\330\303\353\373\313
\244\140\114\260\125\240\240\173\127\262

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Network Solutions Certificate Authority"

Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US

Serial Number:57:cb:33:6f:c2:5c:16:e6:47:16:17:e3:90:31:68:e0

Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US

Not Valid Before: Fri Dec 01 00:00:00 2006

Not Valid After : Mon Dec 31 23:59:59 2029

Fingerprint (SHA-256):

15:F0:BA:00:A3:AC:7A:F3:AC:88:4C:07:2B:10:11:A0:77:BD:77:C0:97:F4:01:64:B2:F8:59:8A:BD:83:86:0C

Fingerprint (SHA1): 74:F8:A3:C3:EF:E7:B3:90:06:4B:83:90:3C:21:64:60:20:E5:DF:CE

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions Certificate Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\370\243\303\357\347\263\220\006\113\203\220\074\041\144\140
\040\345\337\316
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\323\363\246\026\300\372\153\035\131\261\055\226\115\016\021\056
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061
\150\340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "COMODO ECC Certification Authority"
#
# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number: 1f:47:af:aa:62:00:70:50:54:4c:01:9e:9b:63:99:2a
# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Thu Mar 06 00:00:00 2008
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
17:93:92:7A:06:14:54:97:89:AD:CE:2F:8F:34:F7:F0:B6:6D:0F:3A:E3:A3:B8:4D:21:EC:15:DB:BA:4F:AD:C7
# Fingerprint (SHA1): 9F:74:4E:9F:2B:4D:BA:EC:0F:31:2C:50:B6:56:3B:8E:2D:93:C3:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143
\231\052

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\211\060\202\002\017\240\003\002\001\002\002\020\037
\107\257\252\142\000\160\120\124\114\001\236\233\143\231\052\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\205\061\013
\060\011\006\003\125\004\006\023\002\107\102\061\033\060\031\006
\003\125\004\010\023\022\107\162\145\141\164\145\162\040\115\141
\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004
\007\023\007\123\141\154\146\157\162\144\061\032\060\030\006\003
\125\004\012\023\021\103\117\115\117\104\117\040\103\101\040\114
\151\155\151\164\145\144\061\053\060\051\006\003\125\004\003\023
\042\103\117\115\117\104\117\040\105\103\103\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\060\036\027\015\060\070\060\063\060\066\060\060\060
\060\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071
\065\071\132\060\201\205\061\013\060\011\006\003\125\004\006\023
\002\107\102\061\033\060\031\006\003\125\004\010\023\022\107\162
\145\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162
\061\020\060\016\006\003\125\004\007\023\007\123\141\154\146\157
\162\144\061\032\060\030\006\003\125\004\012\023\021\103\117\115
\117\104\117\040\103\101\040\114\151\155\151\164\145\144\061\053
\060\051\006\003\125\004\003\023\042\103\117\115\117\104\117\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157

```
\156\040\101\165\164\150\157\162\151\164\171\060\166\060\020\006
\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003
\142\000\004\003\107\173\057\165\311\202\025\205\373\165\344\221
\026\324\253\142\231\365\076\122\013\006\316\101\000\177\227\341
\012\044\074\035\001\004\356\075\322\215\011\227\014\340\165\344
\372\373\167\212\052\365\003\140\113\066\213\026\043\026\255\011
\161\364\112\364\050\120\264\376\210\034\156\077\154\057\057\011
\131\133\245\133\013\063\231\342\303\075\211\371\152\054\357\262
\323\006\351\243\102\060\100\060\035\006\003\125\035\016\004\026
\004\024\165\161\247\031\110\031\274\235\235\352\101\107\337\224
\304\110\167\231\323\171\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\012\006\010\052\206\110\316\075
\004\003\003\003\150\000\060\145\002\061\000\357\003\133\172\254
\267\170\012\162\267\210\337\377\265\106\024\011\012\372\240\346
\175\010\306\032\207\275\030\250\163\275\046\312\140\014\235\316
\231\237\317\134\017\060\341\276\024\061\352\002\060\024\364\223
\074\111\247\063\172\220\106\107\263\143\175\023\233\116\267\157
\030\067\200\123\376\335\040\340\065\232\066\321\307\001\271\346
\334\335\363\377\035\054\072\026\127\331\222\071\326
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "COMODO ECC Certification Authority"
```

```
# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
```

```
# Serial Number:1f:47:af:aa:62:00:70:50:54:4c:01:9e:9b:63:99:2a
```

```
# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
```

```
# Not Valid Before: Thu Mar 06 00:00:00 2008
```

```
# Not Valid After : Mon Jan 18 23:59:59 2038
```

```
# Fingerprint (SHA-256):
```

```
17:93:92:7A:06:14:54:97:89:AD:CE:2F:8F:34:F7:F0:B6:6D:0F:3A:E3:A3:B8:4D:21:EC:15:DB:BA:4F:AD:C7
```

```
# Fingerprint (SHA1): 9F:74:4E:9F:2B:4D:BA:EC:0F:31:2C:50:B6:56:3B:8E:2D:93:C3:11
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "COMODO ECC Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\237\164\116\237\053\115\272\354\017\061\054\120\266\126\073\216
\055\223\303\021
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\174\142\377\164\235\061\123\136\150\112\325\170\252\036\277\043
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143
\231\052
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

Certificate "OISTE WISeKey Global Root GA CA"

#

Issuer: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c) 2005,O=WISeKey,C=CH

Serial Number:41:3d:72:c7:f4:6b:1f:81:43:7d:f1:d2:28:54:df:9a

Subject: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c) 2005,O=WISeKey,C=CH

Not Valid Before: Sun Dec 11 16:03:44 2005

Not Valid After : Fri Dec 11 16:09:51 2037

Fingerprint (SHA-256):

41:C9:23:86:6A:B4:CA:D6:B7:AD:57:80:81:58:2E:02:07:97:A6:CB:DF:4F:FF:78:CE:83:96:B3:89:37:D7:F5

Fingerprint (SHA1): 59:22:A1:E1:5A:EA:16:35:21:F8:98:39:6A:46:46:B0:44:1B:0F:A9

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "OISTE WISeKey Global Root GA CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
```


\141\154\040\122\157\157\164\040\107\101\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124
\337\232
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\361\060\202\002\331\240\003\002\001\002\002\020\101
\075\162\307\364\153\037\201\103\175\361\322\050\124\337\232\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\212\061\013\060\011\006\003\125\004\006\023\002\103\110\061\020
\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145\171
\061\033\060\031\006\003\125\004\013\023\022\103\157\160\171\162
\151\147\150\164\040\050\143\051\040\062\060\060\065\061\042\060
\040\006\003\125\004\013\023\031\117\111\123\124\105\040\106\157
\165\156\144\141\164\151\157\156\040\105\156\144\157\162\163\145
\144\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124
\105\040\127\111\123\145\113\145\171\040\107\154\157\142\141\154
\040\122\157\157\164\040\107\101\040\103\101\060\036\027\015\060
\065\061\062\061\061\061\066\060\071\065\061\132\060\201\212\061\013
\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016\006
\003\125\004\012\023\007\127\111\123\145\113\145\171\061\033\060
\031\006\003\125\004\013\023\022\103\157\160\171\162\151\147\150
\164\040\050\143\051\040\062\060\060\065\061\042\060\040\006\003
\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156\144
\141\164\151\157\156\040\105\156\144\157\162\163\145\144\061\050
\060\046\006\003\125\004\003\023\037\117\111\123\124\105\040\127
\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122\157
\157\164\040\107\101\040\103\101\060\202\001\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000
\060\202\001\012\002\202\001\001\000\313\117\263\000\233\075\066
\335\371\321\111\152\153\020\111\037\354\330\053\262\306\370\062
\201\051\103\225\114\232\031\043\041\025\105\336\343\310\034\121
\125\133\256\223\350\067\377\053\153\351\324\352\276\052\335\250
\121\053\327\146\303\141\134\140\002\310\365\316\162\173\073\270

\362\116\145\010\232\315\244\152\031\301\001\273\163\246\327\366
\303\335\315\274\244\213\265\231\141\270\001\242\243\324\115\324
\005\075\221\255\370\264\010\161\144\257\160\361\034\153\176\366
\303\167\235\044\163\173\344\014\214\341\331\066\341\231\213\005
\231\013\355\105\061\011\312\302\000\333\367\162\240\226\252\225
\207\320\216\307\266\141\163\015\166\146\214\334\033\264\143\242
\237\177\223\023\060\361\241\047\333\331\377\054\125\210\221\240
\340\117\007\260\050\126\214\030\033\227\104\216\211\335\340\027
\156\347\052\357\217\071\012\061\204\202\330\100\024\111\056\172
\101\344\247\376\343\144\314\301\131\161\113\054\041\247\133\175
\340\035\321\056\201\233\303\330\150\367\275\226\033\254\160\261
\026\024\013\333\140\271\046\001\005\002\003\001\000\001\243\121
\060\117\060\013\006\003\125\035\017\004\004\003\002\001\206\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\263\003\176\256\066
\274\260\171\321\334\224\046\266\021\276\041\262\151\206\224\060
\020\006\011\053\006\001\004\001\202\067\025\001\004\003\002\001
\000\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\113\241\377\013\207\156\263\371\301\103\261
\110\363\050\300\035\056\311\011\101\372\224\000\034\244\244\253
\111\117\217\075\036\357\115\157\275\274\244\366\362\046\060\311
\020\312\035\210\373\164\031\037\205\105\275\260\154\121\371\066
\176\333\365\114\062\072\101\117\133\107\317\350\013\055\266\304
\031\235\164\305\107\306\073\152\017\254\024\333\074\364\163\234
\251\005\337\000\334\164\170\372\370\065\140\131\002\023\030\174
\274\373\115\260\040\155\103\273\140\060\172\147\063\134\305\231
\321\370\055\071\122\163\373\214\252\227\045\134\162\331\010\036
\253\116\074\343\201\061\237\003\246\373\300\376\051\210\125\332
\204\325\120\003\266\342\204\243\246\066\252\021\072\001\341\030
\113\326\104\150\263\075\371\123\164\204\263\106\221\106\226\000
\267\200\054\266\341\343\020\342\333\242\347\050\217\001\226\142
\026\076\000\343\034\245\066\201\030\242\114\122\166\300\021\243
\156\346\035\272\343\132\276\066\123\305\076\165\217\206\151\051
\130\123\265\234\273\157\237\134\305\030\354\335\057\341\230\311
\374\276\337\012\015

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "OISTE WISEKey Global Root GA CA"

Issuer: CN=OISTE WISEKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISEKey,C=CH

Serial Number:41:3d:72:c7:f4:6b:1f:81:43:7d:f1:d2:28:54:df:9a

Subject: CN=OISTE WISEKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISEKey,C=CH

Not Valid Before: Sun Dec 11 16:03:44 2005

Not Valid After : Fri Dec 11 16:09:51 2037

```

# Fingerprint (SHA-256):
41:C9:23:86:6A:B4:CA:D6:B7:AD:57:80:81:58:2E:02:07:97:A6:CB:DF:4F:FF:78:CE:83:96:B3:89:37:D7:F5
# Fingerprint (SHA1): 59:22:A1:E1:5A:EA:16:35:21:F8:98:39:6A:46:46:B0:44:1B:0F:A9
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GA CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\131\042\241\341\132\352\026\065\041\370\230\071\152\106\106\260
\104\033\017\251
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\274\154\121\063\247\351\323\146\143\124\025\162\033\041\222\223
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124
\337\232
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

#
# Certificate "Certigna"
#
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After : Tue Jun 29 15:13:05 2027
# Fingerprint (SHA-256):
E3:B6:A2:DB:2E:D7:CE:48:84:2F:7A:C5:32:41:C7:B7:1D:54:14:4B:FB:40:C1:1F:3F:1D:0B:42:F5:EE:A1:2D
# Fingerprint (SHA1): B1:2E:13:63:45:86:A4:6F:1A:B2:60:68:37:58:2D:C4:AC:FD:94:97
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE

```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110\377
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\250\060\202\002\220\240\003\002\001\002\002\011\000
\376\334\343\001\017\311\110\377\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\060\064\061\013\060\011\006\003\125
\004\006\023\002\106\122\061\022\060\020\006\003\125\004\012\014
\011\104\150\151\155\171\157\164\151\163\061\021\060\017\006\003
\125\004\003\014\010\103\145\162\164\151\147\156\141\060\036\027
\015\060\067\060\066\062\071\061\065\061\063\060\065\132\027\015
\062\067\060\066\062\071\061\065\061\063\060\065\132\060\064\061
\013\060\011\006\003\125\004\006\023\002\106\122\061\022\060\020
\006\003\125\004\012\014\011\104\150\151\155\171\157\164\151\163
\061\021\060\017\006\003\125\004\003\014\010\103\145\162\164\151
\147\156\141\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\310\150\361\311\326\326\263\064\165\046\202\036
\354\264\276\352\134\341\046\355\021\107\141\341\242\174\026\170
\100\041\344\140\236\132\310\143\341\304\261\226\222\377\030\155
\151\043\341\053\142\367\335\342\066\057\221\007\271\110\317\016
\354\171\266\054\347\064\113\160\010\045\243\074\207\033\031\362
\201\007\017\070\220\031\323\021\376\206\264\362\321\136\036\036
\226\315\200\154\316\073\061\223\266\362\240\320\251\225\022\175
\245\232\314\153\310\204\126\212\063\251\347\042\025\123\026\360
\314\027\354\127\137\351\242\012\230\011\336\343\137\234\157\334
\110\343\205\013\025\132\246\272\237\254\110\343\011\262\367\364
\062\336\136\064\276\034\170\135\102\133\316\016\042\217\115\220
\327\175\062\030\263\013\054\152\277\216\077\024\021\211\040\016
\167\024\265\075\224\010\207\367\045\036\325\262\140\000\354\157
\052\050\045\156\052\076\030\143\027\045\077\076\104\040\026\366
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\046\310\045\256\005\112\264\347\143\054\363\214\026\123\176\134
\373\021\032\010\301\106\142\237\042\270\361\302\215\151\334\372
\072\130\006\337\002\003\001\000\001\243\201\274\060\201\271\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\032\355\376\101\071
\220\264\044\131\276\001\362\122\325\105\366\132\071\334\021\060
\144\006\003\125\035\043\004\135\060\133\200\024\032\355\376\101
\071\220\264\044\131\276\001\362\122\325\105\366\132\071\334\021
\241\070\244\066\060\064\061\013\060\011\006\003\125\004\006\023
\002\106\122\061\022\060\020\006\003\125\004\012\014\011\104\150
\151\155\171\157\164\151\163\061\021\060\017\006\003\125\004\003
\014\010\103\145\162\164\151\147\156\141\202\011\000\376\334\343
\001\017\311\110\377\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\021\006\011\140\206\110\001\206\370\102
\001\001\004\004\003\002\000\007\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\003\202\001\001\000\205\003\036\222
\161\366\102\257\341\243\141\236\353\363\300\017\362\245\324\332
\225\346\326\276\150\066\075\176\156\037\114\212\357\321\017\041
\155\136\245\122\143\316\022\370\357\052\332\157\353\067\376\023
\002\307\313\073\076\042\153\332\141\056\177\324\162\075\335\060
\341\036\114\100\031\214\017\327\234\321\203\060\173\230\131\334
\175\306\271\014\051\114\241\063\242\353\147\072\145\204\323\226
\342\355\166\105\160\217\265\053\336\371\043\326\111\156\074\024
\265\306\237\065\036\120\320\301\217\152\160\104\002\142\313\256
\035\150\101\247\252\127\350\123\252\007\322\006\366\325\024\006
\013\221\003\165\054\154\162\265\141\225\232\015\213\271\015\347
\365\337\124\315\336\346\330\326\011\010\227\143\345\301\056\260
\267\104\046\300\046\300\257\125\060\236\073\325\066\052\031\004
\364\134\036\377\317\054\267\377\320\375\207\100\021\325\021\043
\273\110\300\041\251\244\050\055\375\025\370\260\116\053\364\060
\133\041\374\021\221\064\276\101\357\173\235\227\165\377\227\225
\300\226\130\057\352\273\106\327\273\344\331\056

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Certigna"

Issuer: CN=Certigna,O=Dhimyotis,C=FR

Serial Number:00:fe:dc:e3:01:0f:c9:48:ff

Subject: CN=Certigna,O=Dhimyotis,C=FR

Not Valid Before: Fri Jun 29 15:13:05 2007

Not Valid After : Tue Jun 29 15:13:05 2027

Fingerprint (SHA-256):

E3:B6:A2:DB:2E:D7:CE:48:84:2F:7A:C5:32:41:C7:B7:1D:54:14:4B:FB:40:C1:1F:3F:1D:0B:42:F5:EE:A1:2D

Fingerprint (SHA1): B1:2E:13:63:45:86:A4:6F:1A:B2:60:68:37:58:2D:C4:AC:FD:94:97

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\261\056\023\143\105\206\244\157\032\262\140\150\067\130\055\304
\254\375\224\227
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\253\127\246\133\175\102\202\031\265\330\130\046\050\136\375\377
END
CKA_ISSUER MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110\377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ePKI Root Certification Authority"
#
# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Serial Number:15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d
# Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Not Valid Before: Mon Dec 20 02:31:27 2004
# Not Valid After : Wed Dec 20 02:31:27 2034
# Fingerprint (SHA-256):
C0:A6:F4:DC:63:A2:4B:FD:CF:54:EF:2A:6A:08:2A:0A:72:DE:35:80:3E:2F:F5:FF:52:7A:E5:D8:72:06:DF:D5
# Fingerprint (SHA1): 67:65:0D:F1:7E:8E:7E:5B:82:40:A4:F4:56:4B:CF:E2:3D:69:C6:F0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ePKI Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171

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END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322
\274\235

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\260\060\202\003\230\240\003\002\001\002\002\020\025
\310\275\145\107\134\257\270\227\000\136\344\006\322\274\235\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\136
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164
\144\056\061\052\060\050\006\003\125\004\013\014\041\145\120\113
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036
\027\015\060\064\061\062\062\060\060\062\063\061\062\067\132\027
\015\063\064\061\062\062\060\060\062\063\061\062\067\132\060\136
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164
\144\056\061\052\060\050\006\003\125\004\013\014\041\145\120\113
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\341
\045\017\356\215\333\210\063\165\147\315\255\037\175\072\116\155
\235\323\057\024\363\143\164\313\001\041\152\067\352\204\120\007
\113\046\133\011\103\154\041\236\152\310\325\003\365\140\151\217
\314\360\042\344\037\347\367\152\042\061\267\054\025\362\340\376
\000\152\103\377\207\145\306\265\032\301\247\114\155\042\160\041
\212\061\362\227\164\211\011\022\046\034\236\312\331\022\242\225
\074\332\351\147\277\010\240\144\343\326\102\267\105\357\227\364
\366\365\327\265\112\025\002\130\175\230\130\113\140\274\315\327
\015\232\023\063\123\321\141\371\172\325\327\170\263\232\063\367
\000\206\316\035\115\224\070\257\250\354\170\121\160\212\134\020
\203\121\041\367\021\075\064\206\136\345\110\315\227\201\202\065
\114\031\354\145\366\153\305\005\241\356\107\023\326\263\041\047
\224\020\012\331\044\073\272\276\104\023\106\060\077\227\074\330
\327\327\152\356\073\070\343\053\324\227\016\271\033\347\007\111

\177\067\052\371\167\170\317\124\355\133\106\235\243\200\016\221
\103\301\326\133\137\024\272\237\246\215\044\107\100\131\277\162
\070\262\066\154\067\377\231\321\135\016\131\012\253\151\367\300
\262\004\105\172\124\000\256\276\123\366\265\347\341\370\074\243
\061\322\251\376\041\122\144\305\246\147\360\165\007\006\224\024
\201\125\306\047\344\001\217\027\301\152\161\327\276\113\373\224
\130\175\176\021\063\261\102\367\142\154\030\326\317\011\150\076
\177\154\366\036\217\142\255\245\143\333\011\247\037\042\102\101
\036\157\231\212\076\327\371\077\100\172\171\260\245\001\222\322
\235\075\010\025\245\020\001\055\263\062\166\250\225\015\263\172
\232\373\007\020\170\021\157\341\217\307\272\017\045\032\164\052
\345\034\230\101\231\337\041\207\350\225\006\152\012\263\152\107
\166\145\366\072\317\217\142\027\031\173\012\050\315\032\322\203
\036\041\307\054\277\276\377\141\150\267\147\033\273\170\115\215
\316\147\345\344\301\216\267\043\146\342\235\220\165\064\230\251
\066\053\212\232\224\271\235\354\314\212\261\370\045\211\134\132
\266\057\214\037\155\171\044\247\122\150\303\204\065\342\146\215
\143\016\045\115\325\031\262\346\171\067\247\042\235\124\061\002
\003\001\000\001\243\152\060\150\060\035\006\003\125\035\016\004
\026\004\024\036\014\367\266\147\362\341\222\046\011\105\300\125
\071\056\167\077\102\112\242\060\014\006\003\125\035\023\004\005
\060\003\001\001\377\060\071\006\004\147\052\007\000\004\061\060
\057\060\055\002\001\000\060\011\006\005\053\016\003\002\032\005
\000\060\007\006\005\147\052\003\000\000\004\024\105\260\302\307
\012\126\174\356\133\170\014\225\371\030\123\301\246\034\330\020
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\002\001\000\011\263\203\123\131\001\076\225\111\271\361\201
\272\371\166\040\043\265\047\140\164\324\152\231\064\136\154\000
\123\331\237\362\246\261\044\007\104\152\052\306\245\216\170\022
\350\107\331\130\033\023\052\136\171\233\237\012\052\147\246\045
\077\006\151\126\163\303\212\146\110\373\051\201\127\164\006\312
\234\352\050\350\070\147\046\053\361\325\265\077\145\223\370\066
\135\216\215\215\100\040\207\031\352\357\047\300\075\264\071\017
\045\173\150\120\164\125\234\014\131\175\132\075\101\224\045\122
\010\340\107\054\025\061\031\325\277\007\125\306\273\022\265\227
\364\137\203\205\272\161\301\331\154\201\021\166\012\012\260\277
\202\227\367\352\075\372\372\354\055\251\050\224\073\126\335\322
\121\056\256\300\275\010\025\214\167\122\064\226\326\233\254\323
\035\216\141\017\065\173\233\256\071\151\013\142\140\100\040\066
\217\257\373\066\356\055\010\112\035\270\277\233\134\370\352\245
\033\240\163\246\330\370\156\340\063\004\137\150\252\047\207\355
\331\301\220\234\355\275\343\152\065\257\143\337\253\030\331\272
\346\351\112\352\120\212\017\141\223\036\342\055\031\342\060\224
\065\222\135\016\266\007\257\031\200\217\107\220\121\113\056\115
\335\205\342\322\012\122\012\027\232\374\032\260\120\002\345\001
\243\143\067\041\114\104\304\233\121\231\021\016\163\234\006\217
\124\056\247\050\136\104\071\207\126\055\067\275\205\104\224\341
\014\113\054\234\303\222\205\064\141\313\017\270\233\112\103\122

\376\064\072\175\270\351\051\334\166\251\310\060\370\024\161\200
\306\036\066\110\164\042\101\134\207\202\350\030\161\213\101\211
\104\347\176\130\133\250\270\215\023\351\247\154\303\107\355\263
\032\235\142\256\215\202\352\224\236\335\131\020\303\255\335\342
\115\343\061\325\307\354\350\362\260\376\222\036\026\012\032\374
\331\363\370\047\266\311\276\035\264\154\144\220\177\364\344\304
\133\327\067\256\102\016\335\244\032\157\174\210\124\305\026\156
\341\172\150\056\370\072\277\015\244\074\211\073\170\247\116\143
\203\004\041\010\147\215\362\202\111\320\133\375\261\315\017\203
\204\324\076\040\205\367\112\075\053\234\375\052\012\011\115\352
\201\370\021\234

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "ePKI Root Certification Authority"

Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW

Serial Number:15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d

Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW

Not Valid Before: Mon Dec 20 02:31:27 2004

Not Valid After : Wed Dec 20 02:31:27 2034

Fingerprint (SHA-256):

C0:A6:F4:DC:63:A2:4B:FD:CF:54:EF:2A:6A:08:2A:0A:72:DE:35:80:3E:2F:F5:FF:52:7A:E5:D8:72:06:DF:D5

Fingerprint (SHA1): 67:65:0D:F1:7E:8E:7E:5B:82:40:A4:F4:56:4B:CF:E2:3D:69:C6:F0

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "ePKI Root Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\147\145\015\361\176\216\176\133\202\100\244\364\126\113\317\342
\075\151\306\360

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\033\056\000\312\046\006\220\075\255\376\157\025\150\323\153\263

END

CKA_ISSUER MULTILINE_OCTAL

\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322
\274\235

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END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "certSIGN ROOT CA"
#
# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Serial Number:20:06:05:16:70:02
# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Not Valid Before: Tue Jul 04 17:20:04 2006
# Not Valid After : Fri Jul 04 17:20:04 2031
# Fingerprint (SHA-256):
EA:A9:62:C4:FA:4A:6B:AF:EB:E4:15:19:6D:35:1C:CD:88:8D:4F:53:F3:FA:8A:E6:D7:C4:66:A9:4E:60:42:BB
# Fingerprint (SHA1): FA:B7:EE:36:97:26:62:FB:2D:B0:2A:F6:BF:03:FD:E8:7C:4B:2F:9B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN ROOT CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\040\006\005\026\160\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\070\060\202\002\040\240\003\002\001\002\002\006\040
\006\005\026\160\002\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\060\073\061\013\060\011\006\003\125\004\006\023
\002\122\117\061\021\060\017\006\003\125\004\012\023\010\143\145
\162\164\123\111\107\116\061\031\060\027\006\003\125\004\013\023
\020\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103
\101\060\036\027\015\060\066\060\067\060\064\061\067\062\060\060
\064\132\027\015\063\061\060\067\060\064\061\067\062\060\060\064

```

\132\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117
\061\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123
\111\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145
\162\164\123\111\107\116\040\122\117\117\124\040\103\101\060\202
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\267
\063\271\176\310\045\112\216\265\333\264\050\033\252\127\220\350
\321\042\323\144\272\323\223\350\324\254\206\141\100\152\140\127
\150\124\204\115\274\152\124\002\005\377\337\233\232\052\256\135
\007\217\112\303\050\177\357\373\053\372\171\361\307\255\360\020
\123\044\220\213\146\311\250\210\253\257\132\243\000\351\276\272
\106\356\133\163\173\054\027\202\201\136\142\054\241\002\145\263
\275\305\053\000\176\304\374\003\063\127\015\355\342\372\316\135
\105\326\070\315\065\266\262\301\320\234\201\112\252\344\262\001
\134\035\217\137\231\304\261\255\333\210\041\353\220\010\202\200
\363\060\243\103\346\220\202\256\125\050\111\355\133\327\251\020
\070\016\376\217\114\133\233\106\352\101\365\260\010\164\303\320
\210\063\266\174\327\164\337\334\204\321\103\016\165\071\241\045
\100\050\352\170\313\016\054\056\071\235\214\213\156\026\034\057
\046\202\020\342\343\145\224\012\004\300\136\367\135\133\370\020
\342\320\272\172\113\373\336\067\000\000\032\133\050\343\322\234
\163\076\062\207\230\241\311\121\057\327\336\254\063\263\117\002
\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\306\060\035\006\003\125\035\016
\004\026\004\024\340\214\233\333\045\111\263\361\174\206\326\262
\102\207\013\320\153\240\331\344\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\003\202\001\001\000\076\322\034\211
\056\065\374\370\165\335\346\177\145\210\364\162\114\311\054\327
\062\116\363\335\031\171\107\275\216\073\133\223\017\120\111\044
\023\153\024\006\162\357\011\323\241\241\343\100\204\311\347\030
\062\164\074\110\156\017\237\113\324\367\036\323\223\206\144\124
\227\143\162\120\325\125\317\372\040\223\002\242\233\303\043\223
\116\026\125\166\240\160\171\155\315\041\037\317\057\055\274\031
\343\210\061\370\131\032\201\011\310\227\246\164\307\140\304\133
\314\127\216\262\165\375\033\002\011\333\131\157\162\223\151\367
\061\101\326\210\070\277\207\262\275\026\171\371\252\344\276\210
\045\335\141\047\043\034\265\061\007\004\066\264\032\220\275\240
\164\161\120\211\155\274\024\343\017\206\256\361\253\076\307\240
\011\314\243\110\321\340\333\144\347\222\265\317\257\162\103\160
\213\371\303\204\074\023\252\176\222\233\127\123\223\372\160\302
\221\016\061\371\233\147\135\351\226\070\136\137\263\163\116\210
\025\147\336\236\166\020\142\040\276\125\151\225\103\000\071\115
\366\356\260\132\116\111\104\124\130\137\102\203

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```

# Trust for "certSIGN ROOT CA"
# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Serial Number:20:06:05:16:70:02
# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Not Valid Before: Tue Jul 04 17:20:04 2006
# Not Valid After : Fri Jul 04 17:20:04 2031
# Fingerprint (SHA-256):
EA:A9:62:C4:FA:4A:6B:AF:EB:E4:15:19:6D:35:1C:CD:88:8D:4F:53:F3:FA:8A:E6:D7:C4:66:A9:4E:60:42:BB
# Fingerprint (SHA1): FA:B7:EE:36:97:26:62:FB:2D:B0:2A:F6:BF:03:FD:E8:7C:4B:2F:9B
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN ROOT CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\372\267\356\066\227\046\142\373\055\260\052\366\277\003\375\350
\174\113\057\233
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\030\230\300\326\351\072\374\371\260\365\014\367\113\001\104\027
END
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\040\006\005\026\160\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "NetLock Arany (Class Gold) Ftanúsítvány"
#
# Issuer: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Serial Number:49:41:2c:e4:00:10
# Subject: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Not Valid Before: Thu Dec 11 15:08:21 2008
# Not Valid After : Wed Dec 06 15:08:21 2028
# Fingerprint (SHA-256):
6C:61:DA:C3:A2:DE:F0:31:50:6B:E0:36:D2:A6:FE:40:19:94:FB:D1:3D:F9:C8:D4:66:59:92:74:C4:46:EC:98

```

Fingerprint (SHA1): 06:08:3F:59:3F:15:A1:04:A0:69:A4:6B:A9:03:D0:06:B7:97:09:91

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Arany (Class Gold) Ftanúsítvány"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303
\272\163\303\255\164\166\303\241\156\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303
\272\163\303\255\164\166\303\241\156\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\006\111\101\054\344\000\020

END

CKA_VALUE MULTILINE_OCTAL
\060\202\004\025\060\202\002\375\240\003\002\001\002\002\006\111
\101\054\344\000\020\060\015\006\011\052\206\110\206\367\015\001
\001\013\005\000\060\201\247\061\013\060\011\006\003\125\004\006
\023\002\110\125\061\021\060\017\006\003\125\004\007\014\010\102
\165\144\141\160\145\163\164\061\025\060\023\006\003\125\004\012
\014\014\116\145\164\114\157\143\153\040\113\146\164\056\061\067
\060\065\006\003\125\004\013\014\056\124\141\156\303\272\163\303
\255\164\166\303\241\156\171\153\151\141\144\303\263\153\040\050
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\051\061\065\060\063\006\003\125\004\003

\014\054\116\145\164\114\157\143\153\040\101\162\141\156\171\040
\050\103\154\141\163\163\040\107\157\154\144\051\040\106\305\221
\164\141\156\303\272\163\303\255\164\166\303\241\156\171\060\036
\027\015\060\070\061\062\061\061\061\065\060\070\062\061\132\027
\015\062\070\061\062\060\066\061\065\060\070\062\061\132\060\201
\247\061\013\060\011\006\003\125\004\006\023\002\110\125\061\021
\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145\163
\164\061\025\060\023\006\003\125\004\012\014\014\116\145\164\114
\157\143\153\040\113\146\164\056\061\067\060\065\006\003\125\004
\013\014\056\124\141\156\303\272\163\303\255\164\166\303\241\156
\171\153\151\141\144\303\263\153\040\050\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163
\051\061\065\060\063\006\003\125\004\003\014\054\116\145\164\114
\157\143\153\040\101\162\141\156\171\040\050\103\154\141\163\163
\040\107\157\154\144\051\040\106\305\221\164\141\156\303\272\163
\303\255\164\166\303\241\156\171\060\202\001\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000
\060\202\001\012\002\202\001\001\000\304\044\136\163\276\113\155
\024\303\241\364\343\227\220\156\322\060\105\036\074\356\147\331
\144\340\032\212\177\312\060\312\203\343\040\301\343\364\072\323
\224\137\032\174\133\155\277\060\117\204\047\366\237\037\111\274
\306\231\012\220\362\017\365\177\103\204\067\143\121\213\172\245
\160\374\172\130\315\216\233\355\303\106\154\204\160\135\332\363
\001\220\043\374\116\060\251\176\341\047\143\347\355\144\074\240
\270\311\063\143\376\026\220\377\260\270\375\327\250\300\300\224
\103\013\266\325\131\246\236\126\320\044\037\160\171\257\333\071
\124\015\145\165\331\025\101\224\001\257\136\354\366\215\361\377
\255\144\376\040\232\327\134\353\376\246\037\010\144\243\213\166
\125\255\036\073\050\140\056\207\045\350\252\257\037\306\144\106
\040\267\160\177\074\336\110\333\226\123\267\071\167\344\032\342
\307\026\204\166\227\133\057\273\031\025\205\370\151\205\365\231
\247\251\362\064\247\251\266\246\003\374\157\206\075\124\174\166
\004\233\153\371\100\135\000\064\307\056\231\165\235\345\210\003
\252\115\370\003\322\102\166\300\033\002\003\000\250\213\243\105
\060\103\060\022\006\003\125\035\023\001\001\377\004\010\060\006
\001\001\377\002\001\004\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004
\024\314\372\147\223\360\266\270\320\245\300\036\363\123\375\214
\123\337\203\327\226\060\015\006\011\052\206\110\206\367\015\001
\001\013\005\000\003\202\001\001\000\253\177\356\034\026\251\234
\074\121\000\240\300\021\010\005\247\231\346\157\001\210\124\141
\156\361\271\030\255\112\255\376\201\100\043\224\057\373\165\174
\057\050\113\142\044\201\202\013\365\141\361\034\156\270\141\070
\353\201\372\142\241\073\132\142\323\224\145\304\341\346\155\202
\370\057\045\160\262\041\046\301\162\121\037\214\054\303\204\220
\303\132\217\272\317\364\247\145\245\353\230\321\373\005\262\106
\165\025\043\152\157\205\143\060\200\360\325\236\037\051\034\302
\154\260\120\131\135\220\133\073\250\015\060\317\277\175\177\316

```
\361\235\203\275\311\106\156\040\246\371\141\121\272\041\057\173
\276\245\025\143\241\324\225\207\361\236\271\363\211\363\075\205
\270\270\333\276\265\271\051\371\332\067\005\000\111\224\003\204
\104\347\277\103\061\317\165\213\045\321\364\246\144\365\222\366
\253\005\353\075\351\245\013\066\142\332\314\006\137\066\213\266
\136\061\270\052\373\136\366\161\337\104\046\236\304\346\015\221
\264\056\165\225\200\121\152\113\060\246\260\142\241\223\361\233
\330\316\304\143\165\077\131\107\261
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

Trust for "NetLock Arany (Class Gold) Ftanúsítvány"

Issuer: CN=NetLock Arany (Class Gold) F.tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Serial Number:49:41:2c:e4:00:10

Subject: CN=NetLock Arany (Class Gold) F.tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Not Valid Before: Thu Dec 11 15:08:21 2008

Not Valid After : Wed Dec 06 15:08:21 2028

Fingerprint (SHA-256):

6C:61:DA:C3:A2:DE:F0:31:50:6B:E0:36:D2:A6:FE:40:19:94:FB:D1:3D:F9:C8:D4:66:59:92:74:C4:46:EC:98

Fingerprint (SHA1): 06:08:3F:59:3F:15:A1:04:A0:69:A4:6B:A9:03:D0:06:B7:97:09:91

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "NetLock Arany (Class Gold) Ftanúsítvány"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\006\010\077\131\077\025\241\004\240\151\244\153\251\003\320\006
\267\227\011\221
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\305\241\267\377\163\335\326\327\064\062\030\337\374\074\255\210
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303
\272\163\303\255\164\166\303\241\156\171
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\111\101\054\344\000\020
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hongkong Post Root CA 1"
#
# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Serial Number: 1000 (0x3e8)
# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Not Valid Before: Thu May 15 05:13:14 2003
# Not Valid After : Mon May 15 04:52:29 2023
# Fingerprint (SHA-256):
F9:E6:7D:33:6C:51:00:2A:C0:54:C6:32:02:2D:66:DD:A2:E7:E3:FF:F1:0A:D0:61:ED:31:D8:BB:B4:10:CF:B2
# Fingerprint (SHA1): D6:DA:A8:20:8D:09:D2:15:4D:24:B5:2F:CB:34:6E:B2:58:B2:8A:58
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\003\350
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\060\060\202\002\030\240\003\002\001\002\002\002\003
\350\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061

```


\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061\060\036\027\015\060\063\060
\065\061\065\060\065\061\063\061\064\132\027\015\062\063\060\065
\061\065\060\064\065\062\062\071\132\060\107\061\013\060\011\006
\003\125\004\006\023\002\110\113\061\026\060\024\006\003\125\004
\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164
\061\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153
\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101
\040\061\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\254\377\070\266\351\146\002\111\343\242\264\341\220
\371\100\217\171\371\342\275\171\376\002\275\356\044\222\035\042
\366\332\205\162\151\376\327\077\011\324\335\221\265\002\234\320
\215\132\341\125\303\120\206\271\051\046\302\343\331\240\361\151
\003\050\040\200\105\042\055\126\247\073\124\225\126\042\131\037
\050\337\037\040\075\155\242\066\276\043\240\261\156\265\261\047
\077\071\123\011\352\253\152\350\164\262\302\145\134\216\277\174
\303\170\204\315\236\026\374\365\056\117\040\052\010\237\167\363
\305\036\304\232\122\146\036\110\136\343\020\006\217\042\230\341
\145\216\033\135\043\146\073\270\245\062\121\310\206\252\241\251
\236\177\166\224\302\246\154\267\101\360\325\310\006\070\346\324
\014\342\363\073\114\155\120\214\304\203\047\301\023\204\131\075
\236\165\164\266\330\002\136\072\220\172\300\102\066\162\354\152
\115\334\357\304\000\337\023\030\127\137\046\170\310\326\012\171
\167\277\367\257\267\166\271\245\013\204\027\135\020\352\157\341
\253\225\021\137\155\074\243\134\115\203\133\362\263\031\212\200
\213\013\207\002\003\001\000\001\243\046\060\044\060\022\006\003
\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001\003
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\306
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\001\001\000\016\106\325\074\256\342\207\331\136\201\213\002
\230\101\010\214\114\274\332\333\356\047\033\202\347\152\105\354
\026\213\117\205\240\363\262\160\275\132\226\272\312\156\155\356
\106\213\156\347\052\056\226\263\031\063\353\264\237\250\262\067
\356\230\250\227\266\056\266\147\047\324\246\111\375\034\223\145
\166\236\102\057\334\042\154\232\117\362\132\025\071\261\161\327
\053\121\350\155\034\230\300\331\052\364\241\202\173\325\311\101
\242\043\001\164\070\125\213\017\271\056\147\242\040\004\067\332
\234\013\323\027\041\340\217\227\171\064\157\204\110\002\040\063
\033\346\064\104\237\221\160\364\200\136\204\103\302\051\322\154
\022\024\344\141\215\254\020\220\236\204\120\273\360\226\157\105
\237\212\363\312\154\117\372\021\072\025\025\106\303\315\037\203
\133\055\101\022\355\120\147\101\023\075\041\253\224\212\252\116
\174\301\261\373\247\326\265\047\057\227\253\156\340\035\342\321
\034\054\037\104\342\374\276\221\241\234\373\326\051\123\163\206
\237\123\330\103\016\135\326\143\202\161\035\200\164\312\366\342

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\002\153\331\132
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Hongkong Post Root CA 1"
# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Serial Number: 1000 (0x3e8)
# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Not Valid Before: Thu May 15 05:13:14 2003
# Not Valid After : Mon May 15 04:52:29 2023
# Fingerprint (SHA-256):
F9:E6:7D:33:6C:51:00:2A:C0:54:C6:32:02:2D:66:DD:A2:E7:E3:FF:F1:0A:D0:61:ED:31:D8:BB:B4:10:CF:B2
# Fingerprint (SHA1): D6:DA:A8:20:8D:09:D2:15:4D:24:B5:2F:CB:34:6E:B2:58:B2:8A:58
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\326\332\250\040\215\011\322\025\115\044\265\057\313\064\156\262
\130\262\212\130
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\250\015\157\071\170\271\103\155\167\102\155\230\132\314\043\312
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\003\350
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SecureSign RootCA11"
#
# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Serial Number: 1 (0x1)
# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP

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# Not Valid Before: Wed Apr 08 04:56:47 2009
# Not Valid After : Sun Apr 08 04:56:47 2029
# Fingerprint (SHA-256):
BF:0F:EE:FB:9E:3A:58:1A:D5:F9:E9:DB:75:89:98:57:43:D2:61:08:5C:4D:31:4F:6F:5D:72:59:AA:42:16:12
# Fingerprint (SHA1): 3B:C4:9F:48:F8:F3:73:A0:9C:1E:BD:F8:5B:B1:C3:65:C7:D8:11:B3
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureSign RootCA11"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\155\060\202\002\125\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061\053
\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145\162
\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032\006
\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147\156
\040\122\157\157\164\103\101\061\061\060\036\027\015\060\071\060
\064\060\070\060\064\065\066\064\067\132\027\015\062\071\060\064
\060\070\060\064\065\066\064\067\132\060\130\061\013\060\011\006
\003\125\004\006\023\002\112\120\061\053\060\051\006\003\125\004
\012\023\042\112\141\160\141\156\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163\054
\040\111\156\143\056\061\034\060\032\006\003\125\004\003\023\023
\123\145\143\165\162\145\123\151\147\156\040\122\157\157\164\103
\101\061\061\060\202\001\042\060\015\006\011\052\206\110\206\367
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\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\375\167\252\245\034\220\005\073\313\114\233\063
\213\132\024\105\244\347\220\026\321\337\127\322\041\020\244\027
\375\337\254\326\037\247\344\333\174\367\354\337\270\003\332\224
\130\375\135\162\174\214\077\137\001\147\164\025\226\343\002\074
\207\333\256\313\001\216\302\363\146\306\205\105\364\002\306\072
\265\142\262\257\372\234\277\244\346\324\200\060\230\363\015\266
\223\217\251\324\330\066\362\260\374\212\312\054\241\025\063\225
\061\332\300\033\362\356\142\231\206\143\077\277\335\223\052\203
\250\166\271\023\037\267\316\116\102\205\217\042\347\056\032\362
\225\011\262\005\265\104\116\167\241\040\275\251\362\116\012\175
\120\255\365\005\015\105\117\106\161\375\050\076\123\373\004\330
\055\327\145\035\112\033\372\317\073\260\061\232\065\156\310\213
\006\323\000\221\362\224\010\145\114\261\064\006\000\172\211\342
\360\307\003\131\317\325\326\350\247\062\263\346\230\100\206\305
\315\047\022\213\314\173\316\267\021\074\142\140\007\043\076\053
\100\156\224\200\011\155\266\263\157\167\157\065\010\120\373\002
\207\305\076\211\002\003\001\000\001\243\102\060\100\060\035\006
\003\125\035\016\004\026\004\024\133\370\115\117\262\245\206\324
\072\322\361\143\232\240\276\011\366\127\267\336\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\240\241\070\026\146\056\247\126\037\041\234\006\372\035\355
\271\042\305\070\046\330\116\117\354\243\177\171\336\106\041\241
\207\167\217\007\010\232\262\244\305\257\017\062\230\013\174\146
\051\266\233\175\045\122\111\103\253\114\056\053\156\172\160\257
\026\016\343\002\154\373\102\346\030\235\105\330\125\310\350\073
\335\347\341\364\056\013\034\064\134\154\130\112\373\214\210\120
\137\225\034\277\355\253\042\265\145\263\205\272\236\017\270\255
\345\172\033\212\120\072\035\275\015\274\173\124\120\013\271\102
\257\125\240\030\201\255\145\231\357\276\344\234\277\304\205\253
\101\262\124\157\334\045\315\355\170\342\216\014\215\011\111\335
\143\173\132\151\226\002\041\250\275\122\131\351\175\065\313\310
\122\312\177\201\376\331\153\323\367\021\355\045\337\370\347\371
\244\372\162\227\204\123\015\245\320\062\030\121\166\131\024\154
\017\353\354\137\200\214\165\103\203\303\205\230\377\114\236\055
\015\344\167\203\223\116\265\226\007\213\050\023\233\214\031\215
\101\047\111\100\356\336\346\043\104\071\334\241\042\326\272\003
\362

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "SecureSign RootCA11"

Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP

Serial Number: 1 (0x1)

```

# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Not Valid Before: Wed Apr 08 04:56:47 2009
# Not Valid After : Sun Apr 08 04:56:47 2029
# Fingerprint (SHA-256):
BF:0F:EE:FB:9E:3A:58:1A:D5:F9:E9:DB:75:89:98:57:43:D2:61:08:5C:4D:31:4F:6F:5D:72:59:AA:42:16:12
# Fingerprint (SHA1): 3B:C4:9F:48:F8:F3:73:A0:9C:1E:BD:F8:5B:B1:C3:65:C7:D8:11:B3
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureSign RootCA11"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\073\304\237\110\370\363\163\240\234\036\275\370\133\261\303\145
\307\330\021\263
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\267\122\164\342\222\264\200\223\362\165\344\314\327\362\352\046
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Microsec e-Szigno Root CA 2009"
#
# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:00:c2:7e:43:04:4e:47:3f:19
# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Tue Jun 16 11:30:18 2009
# Not Valid After : Sun Dec 30 11:30:18 2029
# Fingerprint (SHA-256):
3C:5F:81:FE:A5:FA:B8:2C:64:BF:A2:EA:EC:AF:CD:E8:E0:77:FC:86:20:A7:CA:E5:37:16:3D:F3:6E:DB:F3:78
# Fingerprint (SHA1): 89:DF:74:FE:5C:F4:0F:4A:80:F9:E3:37:7D:54:DA:91:E1:01:31:8E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

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CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\302\176\103\004\116\107\077\031
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\012\060\202\002\362\240\003\002\001\002\002\011\000
\302\176\103\004\116\107\077\031\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\060\201\202\061\013\060\011\006\003
\125\004\006\023\002\110\125\061\021\060\017\006\003\125\004\007
\014\010\102\165\144\141\160\145\163\164\061\026\060\024\006\003
\125\004\012\014\015\115\151\143\162\157\163\145\143\040\114\164
\144\056\061\047\060\045\006\003\125\004\003\014\036\115\151\143
\162\157\163\145\143\040\145\055\123\172\151\147\156\157\040\122
\157\157\164\040\103\101\040\062\060\060\071\061\037\060\035\006
\011\052\206\110\206\367\015\001\011\001\026\020\151\156\146\157
\100\145\055\163\172\151\147\156\157\056\150\165\060\036\027\015
\060\071\060\066\061\066\061\061\063\060\061\070\132\027\015\062
\071\061\062\063\060\061\061\063\060\061\070\132\060\201\202\061
\013\060\011\006\003\125\004\006\023\002\110\125\061\021\060\017
\006\003\125\004\007\014\010\102\165\144\141\160\145\163\164\061
\026\060\024\006\003\125\004\012\014\015\115\151\143\162\157\163
\145\143\040\114\164\144\056\061\047\060\045\006\003\125\004\003
\014\036\115\151\143\162\157\163\145\143\040\145\055\123\172\151
```

\147\156\157\040\122\157\157\164\040\103\101\040\062\060\060\071
\061\037\060\035\006\011\052\206\110\206\367\015\001\011\001\026
\020\151\156\146\157\100\145\055\163\172\151\147\156\157\056\150
\165\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001
\001\000\351\370\217\363\143\255\332\206\330\247\340\102\373\317
\221\336\246\046\370\231\245\143\160\255\233\256\312\063\100\175
\155\226\156\241\016\104\356\341\023\235\224\102\122\232\275\165
\205\164\054\250\016\035\223\266\030\267\214\054\250\317\373\134
\161\271\332\354\376\350\176\217\344\057\035\262\250\165\207\330
\267\241\345\073\317\231\112\106\320\203\031\175\300\241\022\034
\225\155\112\364\330\307\245\115\063\056\205\071\100\165\176\024
\174\200\022\230\120\307\101\147\270\240\200\141\124\246\154\116
\037\340\235\016\007\351\311\272\063\347\376\300\125\050\054\002
\200\247\031\365\236\334\125\123\003\227\173\007\110\377\231\373
\067\212\044\304\131\314\120\020\143\216\252\251\032\260\204\032
\206\371\137\273\261\120\156\244\321\012\314\325\161\176\037\247
\033\174\365\123\156\042\137\313\053\346\324\174\135\256\326\302
\306\114\345\005\001\331\355\127\374\301\043\171\374\372\310\044
\203\225\363\265\152\121\001\320\167\326\351\022\241\371\032\203
\373\202\033\271\260\227\364\166\006\063\103\111\240\377\013\265
\372\265\002\003\001\000\001\243\201\200\060\176\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006
\003\125\035\016\004\026\004\024\313\017\306\337\102\103\314\075
\313\265\110\043\241\032\172\246\052\273\064\150\060\037\006\003
\125\035\043\004\030\060\026\200\024\313\017\306\337\102\103\314
\075\313\265\110\043\241\032\172\246\052\273\064\150\060\033\006
\003\125\035\021\004\024\060\022\201\020\151\156\146\157\100\145
\055\163\172\151\147\156\157\056\150\165\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\001\001\000\311\321
\016\136\056\325\314\263\174\076\313\374\075\377\015\050\225\223
\004\310\277\332\315\171\270\103\220\360\244\276\357\362\357\041
\230\274\324\324\135\006\366\356\102\354\060\154\240\252\251\312
\361\257\212\372\077\013\163\152\076\352\056\100\176\037\256\124
\141\171\353\056\010\067\327\043\363\214\237\276\035\261\341\244
\165\333\240\342\124\024\261\272\034\051\244\030\366\022\272\242
\024\024\343\061\065\310\100\377\267\340\005\166\127\301\034\131
\362\370\277\344\355\045\142\134\204\360\176\176\037\263\276\371
\267\041\021\314\003\001\126\160\247\020\222\036\033\064\201\036
\255\234\032\303\004\074\355\002\141\326\036\006\363\137\072\207
\362\053\361\105\207\345\075\254\321\307\127\204\275\153\256\334
\330\371\266\033\142\160\013\075\066\311\102\362\062\327\172\141
\346\322\333\075\317\310\251\311\233\334\333\130\104\327\157\070
\257\177\170\323\243\255\032\165\272\034\301\066\174\217\036\155
\034\303\165\106\256\065\005\246\366\134\075\041\356\126\360\311
\202\042\055\172\124\253\160\303\175\042\145\202\160\226

END

```

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Microsec e-Szigno Root CA 2009"
# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:00:c2:7e:43:04:4e:47:3f:19
# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Tue Jun 16 11:30:18 2009
# Not Valid After : Sun Dec 30 11:30:18 2029
# Fingerprint (SHA-256):
3C:5F:81:FE:A5:FA:B8:2C:64:BF:A2:EA:EC:AF:CD:E8:E0:77:FC:86:20:A7:CA:E5:37:16:3D:F3:6E:DB:F3:78
# Fingerprint (SHA1): 89:DF:74:FE:5C:F4:0F:4A:80:F9:E3:37:7D:54:DA:91:E1:01:31:8E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\211\337\164\376\134\364\017\112\200\371\343\067\175\124\332\221
\341\001\061\216
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\111\364\003\274\104\055\203\276\110\151\175\051\144\374\261
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\302\176\103\004\116\107\077\031
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root CA - R3"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3

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```
# Serial Number:04:00:00:00:00:01:21:58:53:08:a2
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
# Not Valid Before: Wed Mar 18 10:00:00 2009
# Not Valid After : Sun Mar 18 10:00:00 2029
# Fingerprint (SHA-256):
CB:B5:22:D7:B7:F1:27:AD:6A:01:13:86:5B:DF:1C:D4:10:2E:7D:07:59:AF:63:5A:7C:F4:72:0D:C9:63:C5:3B
# Fingerprint (SHA1): D6:9B:56:11:48:F0:1C:77:C5:45:78:C1:09:26:DF:5B:85:69:76:AD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\041\130\123\010\242
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\137\060\202\002\107\240\003\002\001\002\002\013\004
\000\000\000\000\001\041\130\123\010\242\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\060\114\061\040\060\036\006
\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147\156
\040\122\157\157\164\040\103\101\040\055\040\122\063\061\023\060
\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123\151
\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154\157
\142\141\154\123\151\147\156\060\036\027\015\060\071\060\063\061\070
\070\061\060\060\060\060\060\132\027\015\062\071\060\063\061\070
\061\060\060\060\060\060\132\060\114\061\040\060\036\006\003\125
\004\013\023\027\107\154\157\142\141\154\123\151\147\156\040\122
\157\157\164\040\103\101\040\055\040\122\063\061\023\060\021\006
\003\125\004\012\023\012\107\154\157\142\141\154\123\151\147\156
\061\023\060\021\006\003\125\004\003\023\012\107\154\157\142\141
\154\123\151\147\156\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
```

\012\002\202\001\001\000\314\045\166\220\171\006\170\042\026\365
\300\203\266\204\312\050\236\375\005\166\021\305\255\210\162\374
\106\002\103\307\262\212\235\004\137\044\313\056\113\341\140\202
\106\341\122\253\014\201\107\160\154\335\144\321\353\365\054\243
\017\202\075\014\053\256\227\327\266\024\206\020\171\273\073\023
\200\167\214\010\341\111\322\152\142\057\037\136\372\226\150\337
\211\047\225\070\237\006\327\076\311\313\046\131\015\163\336\260
\310\351\046\016\203\025\306\357\133\213\322\004\140\312\111\246
\050\366\151\073\366\313\310\050\221\345\235\212\141\127\067\254
\164\024\334\164\340\072\356\162\057\056\234\373\320\273\277\365
\075\000\341\006\063\350\202\053\256\123\246\072\026\163\214\335
\101\016\040\072\300\264\247\241\351\262\117\220\056\062\140\351
\127\313\271\004\222\150\150\345\070\046\140\165\262\237\167\377
\221\024\357\256\040\111\374\255\100\025\110\321\002\061\141\031
\136\270\227\357\255\167\267\144\232\172\277\137\301\023\357\233
\142\373\015\154\340\124\151\026\251\003\332\156\351\203\223\161
\166\306\151\205\202\027\002\003\001\000\001\243\102\060\100\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\217\360\113\177\250
\056\105\044\256\115\120\372\143\232\213\336\342\335\033\274\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202
\001\001\000\113\100\333\300\120\252\376\310\014\357\367\226\124
\105\111\273\226\000\011\101\254\263\023\206\206\050\007\063\312
\153\346\164\271\272\000\055\256\244\012\323\365\361\361\017\212
\277\163\147\112\203\307\104\173\170\340\257\156\154\157\003\051
\216\063\071\105\303\216\344\271\127\154\252\374\022\226\354\123
\306\055\344\044\154\271\224\143\373\334\123\150\147\126\076\203
\270\317\065\041\303\311\150\376\316\332\302\123\252\314\220\212
\351\360\135\106\214\225\335\172\130\050\032\057\035\336\315\000
\067\101\217\355\104\155\327\123\050\227\176\363\147\004\036\025
\327\212\226\264\323\336\114\047\244\114\033\163\163\166\364\027
\231\302\037\172\016\343\055\010\255\012\034\054\377\074\253\125
\016\017\221\176\066\353\303\127\111\276\341\056\055\174\140\213
\303\101\121\023\043\235\316\367\062\153\224\001\250\231\347\054
\063\037\072\073\045\322\206\100\316\073\054\206\170\311\141\057
\024\272\356\333\125\157\337\204\356\005\011\115\275\050\330\162
\316\323\142\120\145\036\353\222\227\203\061\331\263\265\312\107
\130\077\137

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "GlobalSign Root CA - R3"
Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
Serial Number:04:00:00:00:00:01:21:58:53:08:a2
Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3

```

# Not Valid Before: Wed Mar 18 10:00:00 2009
# Not Valid After : Sun Mar 18 10:00:00 2029
# Fingerprint (SHA-256):
CB:B5:22:D7:B7:F1:27:AD:6A:01:13:86:5B:DF:1C:D4:10:2E:7D:07:59:AF:63:5A:7C:F4:72:0D:C9:63:C5:3B
# Fingerprint (SHA1): D6:9B:56:11:48:F0:1C:77:C5:45:78:C1:09:26:DF:5B:85:69:76:AD
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\326\233\126\021\110\360\034\167\305\105\170\301\011\046\337\133
\205\151\166\255
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\337\270\111\312\005\023\125\356\055\272\032\303\076\260\050
END
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\041\130\123\010\242
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"
#
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:53:ec:3b:ee:fb:b2:48:5f
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After : Tue Dec 31 08:38:15 2030
# Fingerprint (SHA-256):
04:04:80:28:BF:1F:28:64:D4:8F:9A:D4:D8:32:94:36:6A:82:88:56:55:3F:3B:14:30:3F:90:14:7F:5D:40:EF
# Fingerprint (SHA1): AE:C5:FB:3F:C8:E1:BF:C4:E5:4F:03:07:5A:9A:E8:00:B7:F7:B6:FA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"

```

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\123\354\073\356\373\262\110\137

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\024\060\202\003\374\240\003\002\001\002\002\010\123
\354\073\356\373\262\110\137\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\121\061\013\060\011\006\003\125\004
\006\023\002\105\123\061\102\060\100\006\003\125\004\003\014\071
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\040\106\151\162\155\141
\160\162\157\146\145\163\151\157\156\141\154\040\103\111\106\040
\101\066\062\066\063\064\060\066\070\060\036\027\015\060\071\060
\065\062\060\060\070\063\070\061\065\132\027\015\063\060\061\062
\063\061\060\070\063\070\061\065\132\060\121\061\013\060\011\006
\003\125\004\006\023\002\105\123\061\102\060\100\006\003\125\004
\003\014\071\101\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\040\106\151
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\040\103
\111\106\040\101\066\062\066\063\064\060\066\070\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\226\153
\216\352\370\373\361\242\065\340\177\114\332\340\303\122\327\175
\266\020\310\002\136\263\103\052\304\117\152\262\312\034\135\050
\232\170\021\032\151\131\127\257\265\040\102\344\213\017\346\337
\133\246\003\222\057\365\021\344\142\327\062\161\070\331\004\014
\161\253\075\121\176\017\007\337\143\005\134\351\277\224\157\301
\051\202\300\264\332\121\260\301\074\273\255\067\112\134\312\361
\113\066\016\044\253\277\303\204\167\375\250\120\364\261\347\306
\057\322\055\131\215\172\012\116\226\151\122\002\252\066\230\354
\374\372\024\203\014\067\037\311\222\067\177\327\201\055\345\304

\271\340\076\064\376\147\364\076\146\321\323\364\100\317\136\142
\064\017\160\006\076\040\030\132\316\367\162\033\045\154\223\164
\024\223\243\163\261\016\252\207\020\043\131\137\040\005\031\107
\355\150\216\222\022\312\135\374\326\053\262\222\074\040\317\341
\137\257\040\276\240\166\177\166\345\354\032\206\141\063\076\347
\173\264\077\240\017\216\242\271\152\157\271\207\046\157\101\154
\210\246\120\375\152\143\013\365\223\026\033\031\217\262\355\233
\233\311\220\365\001\014\337\031\075\017\076\070\043\311\057\217
\014\321\002\376\033\125\326\116\320\215\074\257\117\244\363\376
\257\052\323\005\235\171\010\241\313\127\061\264\234\310\220\262
\147\364\030\026\223\072\374\107\330\321\170\226\061\037\272\053
\014\137\135\231\255\143\211\132\044\040\166\330\337\375\253\116
\246\042\252\235\136\346\047\212\175\150\051\243\347\212\270\332
\021\273\027\055\231\235\023\044\106\367\305\342\330\237\216\177
\307\217\164\155\132\262\350\162\365\254\356\044\020\255\057\024
\332\377\055\232\106\161\107\276\102\337\273\001\333\364\177\323
\050\217\061\131\133\323\311\002\246\264\122\312\156\227\373\103
\305\010\046\157\212\364\273\375\237\050\252\015\325\105\363\023
\072\035\330\300\170\217\101\147\074\036\224\144\256\173\013\305
\350\331\001\210\071\032\227\206\144\101\325\073\207\014\156\372
\017\306\275\110\024\277\071\115\324\236\101\266\217\226\035\143
\226\223\331\225\006\170\061\150\236\067\006\073\200\211\105\141
\071\043\307\033\104\243\025\345\034\370\222\060\273\002\003\001
\000\001\243\201\357\060\201\354\060\022\006\003\125\035\023\001
\001\377\004\010\060\006\001\001\377\002\001\001\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003
\125\035\016\004\026\004\024\145\315\353\253\065\036\000\076\176
\325\164\300\034\264\163\107\016\032\144\057\060\201\246\006\003
\125\035\040\004\201\236\060\201\233\060\201\230\006\004\125\035
\040\000\060\201\217\060\057\006\010\053\006\001\005\005\007\002
\001\026\043\150\164\164\160\072\057\057\167\167\167\056\146\151
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\056\143
\157\155\057\143\160\163\060\134\006\010\053\006\001\005\005\007
\002\002\060\120\036\116\000\120\000\141\000\163\000\145\000\157
\000\040\000\144\000\145\000\040\000\154\000\141\000\040\000\102
\000\157\000\156\000\141\000\156\000\157\000\166\000\141\000\040
\000\064\000\067\000\040\000\102\000\141\000\162\000\143\000\145
\000\154\000\157\000\156\000\141\000\040\000\060\000\070\000\060
\000\061\000\067\060\015\006\011\052\206\110\206\367\015\001\001
\005\005\000\003\202\002\001\000\027\175\240\371\264\335\305\305
\353\255\113\044\265\241\002\253\335\245\210\112\262\017\125\113
\053\127\214\073\345\061\335\376\304\062\361\347\133\144\226\066
\062\030\354\245\062\167\327\343\104\266\300\021\052\200\271\075
\152\156\174\233\323\255\374\303\326\243\346\144\051\174\321\341
\070\036\202\053\377\047\145\257\373\026\025\304\056\161\204\345
\265\377\372\244\107\275\144\062\273\366\045\204\242\047\102\365
\040\260\302\023\020\021\315\020\025\272\102\220\052\322\104\341
\226\046\353\061\110\022\375\052\332\311\006\317\164\036\251\113

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\325\207\050\371\171\064\222\076\056\104\350\366\217\117\217\065
\077\045\263\071\334\143\052\220\153\040\137\304\122\022\116\227
\054\052\254\235\227\336\110\362\243\146\333\302\322\203\225\246
\146\247\236\045\017\351\013\063\221\145\012\132\303\331\124\022
\335\257\303\116\016\037\046\136\015\334\263\215\354\325\201\160
\336\322\117\044\005\363\154\116\365\114\111\146\215\321\377\322
\013\045\101\110\376\121\204\306\102\257\200\004\317\320\176\144
\111\344\362\337\242\354\261\114\300\052\035\347\264\261\145\242
\304\274\361\230\364\252\160\007\143\264\270\332\073\114\372\100
\042\060\133\021\246\360\005\016\306\002\003\110\253\206\233\205
\335\333\335\352\242\166\200\163\175\365\234\004\304\105\215\347
\271\034\213\236\352\327\165\321\162\261\336\165\104\347\102\175
\342\127\153\175\334\231\274\075\203\050\352\200\223\215\305\114
\145\301\160\201\270\070\374\103\061\262\366\003\064\107\262\254
\373\042\006\313\036\335\027\107\034\137\146\271\323\032\242\332
\021\261\244\274\043\311\344\276\207\377\271\224\266\370\135\040
\112\324\137\347\275\150\173\145\362\025\036\322\072\251\055\351
\330\153\044\254\227\130\104\107\255\131\030\361\041\145\160\336
\316\064\140\250\100\361\363\074\244\303\050\043\214\376\047\063
\103\100\240\027\074\353\352\073\260\162\246\243\271\112\113\136
\026\110\364\262\274\310\214\222\305\235\237\254\162\066\274\064
\200\064\153\251\213\222\300\270\027\355\354\166\123\365\044\001
\214\263\042\350\113\174\125\306\235\372\243\024\273\145\205\156
\156\117\022\176\012\074\235\225
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Autoridad de Certificacion Firmaprofesional CIF A62634068"
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:53:ec:3b:ee:fb:b2:48:5f
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After : Tue Dec 31 08:38:15 2030
# Fingerprint (SHA-256):
04:04:80:28:BF:1F:28:64:D4:8F:9A:D4:D8:32:94:36:6A:82:88:56:55:3F:3B:14:30:3F:90:14:7F:5D:40:EF
# Fingerprint (SHA1): AE:C5:FB:3F:C8:E1:BF:C4:E5:4F:03:07:5A:9A:E8:00:B7:F7:B6:FA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\256\305\373\077\310\341\277\304\345\117\003\007\132\232\350\000
\267\367\266\372
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

\163\072\164\172\354\273\243\226\246\302\344\342\310\233\300\303

END

CKA_ISSUER MULTILINE_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061

\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151

\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141

\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163

\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064

\060\066\070

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\123\354\073\356\373\262\110\137

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Izenpe.com"

#

Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES

Serial Number:00:b0:b7:5a:16:48:5f:bf:e1:cb:f5:8b:d7:19:e6:7d

Subject: CN=Izenpe.com,O=IZENPE S.A.,C=ES

Not Valid Before: Thu Dec 13 13:08:28 2007

Not Valid After : Sun Dec 13 08:27:25 2037

Fingerprint (SHA-256):

25:30:CC:8E:98:32:15:02:BA:D9:6F:9B:1F:BA:1B:09:9E:2D:29:9E:0F:45:48:BB:91:4F:36:3B:C0:D4:53:1F

Fingerprint (SHA1): 2F:78:3D:25:52:18:A7:4A:65:39:71:B5:2C:A2:9C:45:15:6F:E9:19

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Izenpe.com"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061

\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105

\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012

\111\172\145\156\160\145\056\143\157\155

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061

\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105

\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012

\111\172\145\156\160\145\056\143\157\155

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\000\260\267\132\026\110\137\277\341\313\365\213\327\031
\346\175

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\361\060\202\003\331\240\003\002\001\002\002\020\000
\260\267\132\026\110\137\277\341\313\365\213\327\031\346\175\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\070
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\024\060
\022\006\003\125\004\012\014\013\111\132\105\116\120\105\040\123
\056\101\056\061\023\060\021\006\003\125\004\003\014\012\111\172
\145\156\160\145\056\143\157\155\060\036\027\015\060\067\061\062
\061\063\061\063\060\070\062\070\132\027\015\063\067\061\062\061
\063\060\070\062\067\062\065\132\060\070\061\013\060\011\006\003
\125\004\006\023\002\105\123\061\024\060\022\006\003\125\004\012
\014\013\111\132\105\116\120\105\040\123\056\101\056\061\023\060
\021\006\003\125\004\003\014\012\111\172\145\156\160\145\056\143
\157\155\060\202\002\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202
\002\001\000\311\323\172\312\017\036\254\247\206\350\026\145\152
\261\302\033\105\062\161\225\331\376\020\133\314\257\347\245\171
\001\217\211\303\312\362\125\161\367\167\276\167\224\363\162\244
\054\104\330\236\222\233\024\072\241\347\044\220\012\012\126\216
\305\330\046\224\341\331\110\341\055\076\332\012\162\335\243\231
\025\332\201\242\207\364\173\156\046\167\211\130\255\326\353\014
\262\101\172\163\156\155\333\172\170\101\351\010\210\022\176\207
\056\146\021\143\154\124\373\074\235\162\300\274\056\377\302\267
\335\015\166\343\072\327\367\264\150\276\242\365\343\201\156\301
\106\157\135\215\340\115\306\124\125\211\032\063\061\012\261\127
\271\243\212\230\303\354\073\064\305\225\101\151\176\165\302\074
\040\305\141\272\121\107\240\040\220\223\241\220\113\363\116\174
\205\105\124\232\321\005\046\101\260\265\115\035\063\276\304\003
\310\045\174\301\160\333\073\364\011\055\124\047\110\254\057\341
\304\254\076\310\313\222\114\123\071\067\043\354\323\001\371\340
\011\104\115\115\144\300\341\015\132\207\042\274\255\033\243\376
\046\265\025\363\247\374\204\031\351\354\241\210\264\104\151\204
\203\363\211\321\164\006\251\314\013\326\302\336\047\205\120\046
\312\027\270\311\172\207\126\054\032\001\036\154\276\023\255\020
\254\265\044\365\070\221\241\326\113\332\361\273\322\336\107\265
\361\274\201\366\131\153\317\031\123\351\215\025\313\112\313\251
\157\104\345\033\101\317\341\206\247\312\320\152\237\274\114\215
\006\063\132\242\205\345\220\065\240\142\134\026\116\360\343\242
\372\003\032\264\054\161\263\130\054\336\173\013\333\032\017\353
\336\041\037\006\167\006\003\260\311\357\231\374\300\271\117\013
\206\050\376\322\271\352\343\332\245\303\107\151\022\340\333\360
\366\031\213\355\173\160\327\002\326\355\207\030\050\054\004\044
\114\167\344\110\212\032\306\073\232\324\017\312\372\165\322\001
\100\132\215\171\277\213\317\113\317\252\026\301\225\344\255\114

\212\076\027\221\324\261\142\345\202\345\200\004\244\003\176\215
\277\332\177\242\017\227\117\014\323\015\373\327\321\345\162\176
\034\310\167\377\133\232\017\267\256\005\106\345\361\250\026\354
\107\244\027\002\003\001\000\001\243\201\366\060\201\363\060\201
\260\006\003\125\035\021\004\201\250\060\201\245\201\017\151\156
\146\157\100\151\172\145\156\160\145\056\143\157\155\244\201\221
\060\201\216\061\107\060\105\006\003\125\004\012\014\076\111\132
\105\116\120\105\040\123\056\101\056\040\055\040\103\111\106\040
\101\060\061\063\063\067\062\066\060\055\122\115\145\162\143\056
\126\151\164\157\162\151\141\055\107\141\163\164\145\151\172\040
\124\061\060\065\065\040\106\066\062\040\123\070\061\103\060\101
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\162\142\151\144\145\141\040\061\064\040\055\040\060\061\060\061
\060\040\126\151\164\157\162\151\141\055\107\141\163\164\145\151
\172\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
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\001\006\060\035\006\003\125\035\016\004\026\004\024\035\034\145
\016\250\362\045\173\264\221\317\344\261\261\346\275\125\164\154
\005\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\003\202\002\001\000\170\246\014\026\112\237\114\210\072\300\313
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\153\254\253\325\366\221\175\256\161\363\077\263\016\170\205\233
\225\244\047\041\107\102\112\174\110\072\365\105\174\263\014\216
\121\170\254\225\023\336\306\375\175\270\032\220\114\253\222\003
\307\355\102\001\316\017\330\261\372\242\222\341\140\155\256\172
\153\011\252\306\051\356\150\111\147\060\200\044\172\061\026\071
\133\176\361\034\056\335\154\011\255\362\061\301\202\116\271\273
\371\276\277\052\205\077\300\100\243\072\131\374\131\113\074\050
\044\333\264\025\165\256\015\210\272\056\163\300\275\130\207\345
\102\362\353\136\356\036\060\042\231\313\067\321\304\041\154\201
\354\276\155\046\346\034\344\102\040\236\107\260\254\203\131\160
\054\065\326\257\066\064\264\315\073\370\062\250\357\343\170\211
\373\215\105\054\332\234\270\176\100\034\141\347\076\242\222\054
\113\362\315\372\230\266\051\377\363\362\173\251\037\056\240\223
\127\053\336\205\003\371\151\067\313\236\170\152\005\264\305\061
\170\211\354\172\247\205\341\271\173\074\336\276\036\171\204\316
\237\160\016\131\302\065\056\220\052\061\331\344\105\172\101\244
\056\023\233\064\016\146\173\111\253\144\227\320\106\303\171\235
\162\120\143\246\230\133\006\275\110\155\330\071\203\160\350\065
\360\005\321\252\274\343\333\310\002\352\174\375\202\332\302\133
\122\065\256\230\072\255\272\065\223\043\247\037\110\335\065\106
\230\262\020\150\344\245\061\302\012\130\056\031\201\020\311\120
\165\374\352\132\026\316\021\327\356\357\120\210\055\141\377\077
\102\163\005\224\103\325\216\074\116\001\072\031\245\037\106\116
\167\320\135\345\201\042\041\207\376\224\175\204\330\223\255\326
\150\103\110\262\333\353\163\044\347\221\177\124\244\266\200\076
\235\243\074\114\162\302\127\304\240\324\314\070\047\316\325\006

```
\236\242\110\331\351\237\316\202\160\066\223\232\073\337\226\041
\343\131\267\014\332\221\067\360\375\131\132\263\231\310\151\154
\103\046\001\065\143\140\125\211\003\072\165\330\272\112\331\124
\377\356\336\200\330\055\321\070\325\136\055\013\230\175\076\154
\333\374\046\210\307
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Trust for "Izenpe.com"

Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES

Serial Number:00:b0:b7:5a:16:48:5f:bf:e1:cb:f5:8b:d7:19:e6:7d

Subject: CN=Izenpe.com,O=IZENPE S.A.,C=ES

Not Valid Before: Thu Dec 13 13:08:28 2007

Not Valid After : Sun Dec 13 08:27:25 2037

Fingerprint (SHA-256):

25:30:CC:8E:98:32:15:02:BA:D9:6F:9B:1F:BA:1B:09:9E:2D:29:9E:0F:45:48:BB:91:4F:36:3B:C0:D4:53:1F

Fingerprint (SHA1): 2F:78:3D:25:52:18:A7:4A:65:39:71:B5:2C:A2:9C:45:15:6F:E9:19

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Izenpe.com"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\057\170\075\045\122\030\247\112\145\071\161\265\054\242\234\105
\025\157\351\031
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\246\260\315\205\200\332\134\120\064\243\071\220\057\125\147\163
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\000\260\267\132\026\110\137\277\341\313\365\213\327\031
\346\175
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

Certificate "Chambers of Commerce Root - 2008"

```
#
# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Serial Number:00:a3:da:42:7e:a4:b1:ae:da
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:29:50 2008
# Not Valid After : Sat Jul 31 12:29:50 2038
# Fingerprint (SHA-256):
06:3E:4A:FA:C4:91:DF:D3:32:F3:08:9B:85:42:E9:46:17:D8:93:D7:FE:94:4E:10:A7:93:7E:E2:9D:96:93:C0
# Fingerprint (SHA1): 78:6A:74:AC:76:AB:14:7F:9C:6A:30:50:BA:9E:A8:7E:FE:9A:CE:3C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\243\332\102\176\244\261\256\332
```

END

CKA_VALUE MULTILINE_OCTAL

\060\202\007\117\060\202\005\067\240\003\002\001\002\002\011\000
\243\332\102\176\244\261\256\332\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\060\201\256\061\013\060\011\006\003
\125\004\006\023\002\105\125\061\103\060\101\006\003\125\004\007
\023\072\115\141\144\162\151\144\040\050\163\145\145\040\143\165
\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164
\040\167\167\167\056\143\141\155\145\162\146\151\162\155\141\056
\143\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020
\006\003\125\004\005\023\011\101\070\062\067\064\063\062\070\067
\061\033\060\031\006\003\125\004\012\023\022\101\103\040\103\141
\155\145\162\146\151\162\155\141\040\123\056\101\056\061\051\060
\047\006\003\125\004\003\023\040\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164\040\055\040\062\060\060\070\060\036\027\015\060\070\060\070
\060\061\061\062\062\071\065\060\132\027\015\063\070\060\067\063
\061\061\062\062\071\065\060\132\060\201\256\061\013\060\011\006
\003\125\004\006\023\002\105\125\061\103\060\101\006\003\125\004
\007\023\072\115\141\144\162\151\144\040\050\163\145\145\040\143
\165\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141
\164\040\167\167\167\056\143\141\155\145\162\146\151\162\155\141
\056\143\157\155\057\141\144\144\162\145\163\163\051\061\022\060
\020\006\003\125\004\005\023\011\101\070\062\067\064\063\062\070
\067\061\033\060\031\006\003\125\004\012\023\022\101\103\040\103
\141\155\145\162\146\151\162\155\141\040\123\056\101\056\061\051
\060\047\006\003\125\004\003\023\040\103\150\141\155\142\145\162
\163\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157
\157\164\040\055\040\062\060\060\070\060\202\002\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017
\000\060\202\002\012\002\202\002\001\000\257\000\313\160\067\053
\200\132\112\072\154\170\224\175\243\177\032\037\366\065\325\275
\333\313\015\104\162\076\046\262\220\122\272\143\073\050\130\157
\245\263\155\224\246\363\335\144\014\125\366\366\347\362\042\042
\200\136\341\142\306\266\051\341\201\154\362\277\345\175\062\152
\124\240\062\031\131\376\037\213\327\075\140\206\205\044\157\343
\021\263\167\076\040\226\065\041\153\263\010\331\160\056\144\367
\204\222\123\326\016\260\220\212\212\343\207\215\006\323\275\220
\016\342\231\241\033\206\016\332\232\012\273\013\141\120\006\122
\361\236\177\166\354\313\017\320\036\015\317\231\060\075\034\304
\105\020\130\254\326\323\350\327\345\352\305\001\007\167\326\121
\346\003\177\212\110\245\115\150\165\271\351\274\236\116\031\161
\365\062\113\234\155\140\031\013\373\314\235\165\334\277\046\315
\217\223\170\071\171\163\136\045\016\312\134\353\167\022\007\313
\144\101\107\162\223\253\120\303\353\011\166\144\064\322\071\267
\166\021\011\015\166\105\304\251\256\075\152\257\265\175\145\057
\224\130\020\354\134\174\257\176\342\266\030\331\320\233\116\132
\111\337\251\146\013\314\074\306\170\174\247\234\035\343\316\216

\123\276\005\336\140\017\153\345\032\333\077\343\341\041\311\051
\301\361\353\007\234\122\033\001\104\121\074\173\045\327\304\345
\122\124\135\045\007\312\026\040\270\255\344\101\356\172\010\376
\231\157\203\246\221\002\260\154\066\125\152\347\175\365\226\346
\312\201\326\227\361\224\203\351\355\260\261\153\022\151\036\254
\373\135\251\305\230\351\264\133\130\172\276\075\242\104\072\143
\131\324\013\045\336\033\117\275\345\001\236\315\322\051\325\237
\027\031\012\157\277\014\220\323\011\137\331\343\212\065\314\171
\132\115\031\067\222\267\304\301\255\257\364\171\044\232\262\001
\013\261\257\134\226\363\200\062\373\134\075\230\361\240\077\112
\336\276\257\224\056\331\125\232\027\156\140\235\143\154\270\143
\311\256\201\134\030\065\340\220\273\276\074\117\067\042\271\176
\353\317\236\167\041\246\075\070\201\373\110\332\061\075\053\343
\211\365\320\265\275\176\340\120\304\022\211\263\043\232\020\061
\205\333\256\157\357\070\063\030\166\021\002\003\001\000\001\243
\202\001\154\060\202\001\150\060\022\006\003\125\035\023\001\001
\377\004\010\060\006\001\001\377\002\001\014\060\035\006\003\125
\035\016\004\026\004\024\371\044\254\017\262\265\370\171\300\372
\140\210\033\304\331\115\002\236\027\031\060\201\343\006\003\125
\035\043\004\201\333\060\201\330\200\024\371\044\254\017\262\265
\370\171\300\372\140\210\033\304\331\115\002\236\027\031\241\201
\264\244\201\261\060\201\256\061\013\060\011\006\003\125\004\006
\023\002\105\125\061\103\060\101\006\003\125\004\007\023\072\115
\141\144\162\151\144\040\050\163\145\145\040\143\165\162\162\145
\156\164\040\141\144\144\162\145\163\163\040\141\164\040\167\167
\167\056\143\141\155\145\162\146\151\162\155\141\056\143\157\155
\057\141\144\144\162\145\163\163\051\061\022\060\020\006\003\125
\004\005\023\011\101\070\062\067\064\063\062\070\067\061\033\060
\031\006\003\125\004\012\023\022\101\103\040\103\141\155\145\162
\146\151\162\155\141\040\123\056\101\056\061\051\060\047\006\003
\125\004\003\023\040\103\150\141\155\142\145\162\163\040\157\146
\040\103\157\155\155\145\162\143\145\040\122\157\157\164\040\055
\040\062\060\060\070\202\011\000\243\332\102\176\244\261\256\332
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\075\006\003\125\035\040\004\066\060\064\060\062\006\004\125
\035\040\000\060\052\060\050\006\010\053\006\001\005\005\007\002
\001\026\034\150\164\164\160\072\057\057\160\157\154\151\143\171
\056\143\141\155\145\162\146\151\162\155\141\056\143\157\155\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202
\002\001\000\220\022\257\042\065\302\243\071\360\056\336\351\265
\351\170\174\110\276\077\175\105\222\136\351\332\261\031\374\026
\074\237\264\133\146\236\152\347\303\271\135\210\350\017\255\317
\043\017\336\045\072\136\314\117\245\301\265\055\254\044\322\130
\007\336\242\317\151\204\140\063\350\020\015\023\251\043\320\205
\345\216\173\246\236\075\162\023\162\063\365\252\175\306\143\037
\010\364\376\001\177\044\317\053\054\124\011\336\342\053\155\222
\306\071\117\026\352\074\176\172\106\324\105\152\106\250\353\165
\202\126\247\253\240\174\150\023\063\366\235\060\360\157\047\071

```
\044\043\052\220\375\220\051\065\362\223\337\064\245\306\367\370
\357\214\017\142\112\174\256\323\365\124\370\215\266\232\126\207
\026\202\072\063\253\132\042\010\367\202\272\352\056\340\107\232
\264\265\105\243\005\073\331\334\056\105\100\073\352\334\177\350
\073\353\321\354\046\330\065\244\060\305\072\254\127\236\263\166
\245\040\173\371\036\112\005\142\001\246\050\165\140\227\222\015
\156\076\115\067\103\015\222\025\234\030\042\315\121\231\240\051
\032\074\137\212\062\063\133\060\307\211\057\107\230\017\243\003
\306\366\361\254\337\062\360\331\201\032\344\234\275\366\200\024
\360\321\054\271\205\365\330\243\261\310\245\041\345\034\023\227
\356\016\275\337\051\251\357\064\123\133\323\344\152\023\204\006
\266\062\002\304\122\256\042\322\334\262\041\102\032\332\100\360
\051\311\354\012\014\134\342\320\272\314\110\323\067\012\314\022
\012\212\171\260\075\003\177\151\113\364\064\040\175\263\064\352
\216\113\144\365\076\375\263\043\147\025\015\004\270\360\055\301
\011\121\074\262\154\025\360\245\043\327\203\164\344\345\056\311
\376\230\047\102\306\253\306\236\260\320\133\070\245\233\120\336
\176\030\230\265\105\073\366\171\264\350\367\032\173\006\203\373
\320\213\332\273\307\275\030\253\010\157\074\200\153\100\077\031
\031\272\145\212\346\276\325\134\323\066\327\357\100\122\044\140
\070\147\004\061\354\217\363\202\306\336\271\125\363\073\061\221
\132\334\265\010\025\255\166\045\012\015\173\056\207\342\014\246
\006\274\046\020\155\067\235\354\335\170\214\174\200\305\360\331
\167\110\320
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Chambers of Commerce Root - 2008"
```

```
# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
```

```
# Serial Number:00:a3:da:42:7e:a4:b1:ae:da
```

```
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
```

```
# Not Valid Before: Fri Aug 01 12:29:50 2008
```

```
# Not Valid After : Sat Jul 31 12:29:50 2038
```

```
# Fingerprint (SHA-256):
```

```
06:3E:4A:FA:C4:91:DF:D3:32:F3:08:9B:85:42:E9:46:17:D8:93:D7:FE:94:4E:10:A7:93:7E:E2:9D:96:93:C0
```

```
# Fingerprint (SHA1): 78:6A:74:AC:76:AB:14:7F:9C:6A:30:50:BA:9E:A8:7E:FE:9A:CE:3C
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\170\152\164\254\166\253\024\177\234\152\060\120\272\236\250\176
```

```
\376\232\316\074
```

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\136\200\236\204\132\016\145\013\027\002\363\125\030\052\076\327
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\243\332\102\176\244\261\256\332
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Global Chambersign Root - 2008"
#
# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see
current address at www.camerfirma.com/address),C=EU
# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce
# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:31:40 2008
# Not Valid After : Sat Jul 31 12:31:40 2038
# Fingerprint (SHA-256):
13:63:35:43:93:34:A7:69:80:16:A0:D3:24:DE:72:28:4E:07:9D:7B:52:20:BB:8F:BD:74:78:16:EE:BE:BA:CA
# Fingerprint (SHA1): 4A:BD:EE:EC:95:0D:35:9C:89:AE:C7:52:A1:2C:5B:29:F6:D6:AA:0C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Global Chambersign Root - 2008"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151

```

\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
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CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\011\000\311\315\323\351\325\175\043\316

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CKA_VALUE MULTILINE_OCTAL

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\125\004\006\023\002\105\125\061\103\060\101\006\003\125\004\007
\023\072\115\141\144\162\151\144\040\050\163\145\145\040\143\165
\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164
\040\167\167\167\056\143\141\155\145\162\146\151\162\155\141\056
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\061\033\060\031\006\003\125\004\012\023\022\101\103\040\103\141
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\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164\040
\055\040\062\060\060\070\060\036\027\015\060\070\060\070\060\061
\061\062\063\061\064\060\132\027\015\063\070\060\067\063\061\061
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\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164\040
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\230\042\326\254\301\065\333\243\240\045\377\162\265\166\035\336
\155\351\054\146\054\122\204\320\105\222\316\034\345\345\063\035
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\346\335\275\256\374\144\205\035\074\247\311\006\336\204\377\153
\350\153\032\074\305\242\263\102\373\213\011\076\137\010\122\307
\142\304\324\005\161\277\304\144\344\370\241\203\350\076\022\233
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\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
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\272\105\340\011\336\312\104\017\302\027\016\167\221\105\172\063
\137\137\226\054\150\213\301\107\217\230\233\075\300\354\313\365
\325\202\222\204\065\321\276\066\070\126\162\061\133\107\055\252
\027\244\143\121\353\012\001\255\177\354\165\236\313\241\037\361
\177\022\261\271\344\144\177\147\326\043\052\364\270\071\135\230
\350\041\247\341\275\075\102\032\164\232\160\257\150\154\120\135
\111\317\377\373\016\135\346\054\107\327\201\072\131\000\265\163
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\223\256\231\240\357\045\152\163\230\211\133\072\056\023\210\036
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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Global Chambersign Root - 2008"
# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see
current address at www.camerfirma.com/address),C=EU
# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce
# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:31:40 2008
# Not Valid After : Sat Jul 31 12:31:40 2038
# Fingerprint (SHA-256):
13:63:35:43:93:34:A7:69:80:16:A0:D3:24:DE:72:28:4E:07:9D:7B:52:20:BB:8F:BD:74:78:16:EE:BE:BA:CA
# Fingerprint (SHA1): 4A:BD:EE:EC:95:0D:35:9C:89:AE:C7:52:A1:2C:5B:29:F6:D6:AA:0C
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Global Chambersign Root - 2008"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\112\275\356\354\225\015\065\234\211\256\307\122\241\054\133\051
\366\326\252\014
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
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\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
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CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\311\315\323\351\325\175\043\316
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

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CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Go Daddy Root Certificate Authority - G2"

#

Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US

Serial Number: 0 (0x0)

Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US

Not Valid Before: Tue Sep 01 00:00:00 2009

Not Valid After : Thu Dec 31 23:59:59 2037

Fingerprint (SHA-256):

45:14:0B:32:47:EB:9C:C8:C5:B4:F0:D7:B5:30:91:F7:32:92:08:9E:6E:5A:63:E2:74:9D:D3:AC:A9:19:8E:DA

Fingerprint (SHA1): 47:BE:AB:C9:22:EA:E8:0E:78:78:34:62:A7:9F:45:C2:54:FD:E6:8B

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

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\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
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\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
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END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

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\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
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\171\040\055\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\305\060\202\002\255\240\003\002\001\002\002\001\000

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\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012\023
\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157\040
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\001\013\005\000\003\202\001\001\000\231\333\135\171\325\371\227
\131\147\003\141\361\176\073\006\061\165\055\241\040\216\117\145
\207\264\367\246\234\274\330\351\057\320\333\132\356\317\164\214
\163\264\070\102\332\005\173\370\002\165\270\375\245\261\327\256
\366\327\336\023\313\123\020\176\212\106\321\227\372\267\056\053

```
\021\253\220\260\047\200\371\350\237\132\351\067\237\253\344\337
\154\263\205\027\235\075\331\044\117\171\221\065\326\137\004\353
\200\203\253\232\002\055\265\020\364\330\220\307\004\163\100\355
\162\045\240\251\237\354\236\253\150\022\231\127\306\217\022\072
\011\244\275\104\375\006\025\067\301\233\344\062\243\355\070\350
\330\144\363\054\176\024\374\002\352\237\315\377\007\150\027\333
\042\220\070\055\172\215\321\124\361\151\343\137\063\312\172\075
\173\012\343\312\177\137\071\345\342\165\272\305\166\030\063\316
\054\360\057\114\255\367\261\347\316\117\250\304\233\112\124\006
\305\177\175\325\010\017\342\034\376\176\027\270\254\136\366\324
\026\262\103\011\014\115\366\247\153\264\231\204\145\312\172\210
\342\342\104\276\134\367\352\034\365
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Go Daddy Root Certificate Authority - G2"
```

```
# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
```

```
# Serial Number: 0 (0x0)
```

```
# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com,
Inc.",L=Scottsdale,ST=Arizona,C=US
```

```
# Not Valid Before: Tue Sep 01 00:00:00 2009
```

```
# Not Valid After : Thu Dec 31 23:59:59 2037
```

```
# Fingerprint (SHA-256):
```

```
45:14:0B:32:47:EB:9C:C8:C5:B4:F0:D7:B5:30:91:F7:32:92:08:9E:6E:5A:63:E2:74:9D:D3:AC:A9:19:8E:DA
```

```
# Fingerprint (SHA1): 47:BE:AB:C9:22:EA:E8:0E:78:78:34:62:A7:9F:45:C2:54:FD:E6:8B
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\107\276\253\311\042\352\350\016\170\170\064\142\247\237\105\302
\124\375\346\213
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\200\072\274\042\301\346\373\215\233\073\047\112\062\033\232\001
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
```

```

\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Starfield Root Certificate Authority - G2"
#
# Issuer: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (SHA-256):
2C:E1:CB:0B:F9:D2:F9:E1:02:99:3F:BE:21:51:52:C3:B2:DD:0C:AB:DE:1C:68:E5:31:9B:83:91:54:DB:B7:F5
# Fingerprint (SHA1): B5:1C:06:7C:EE:2B:0C:3D:F8:55:AB:2D:92:F4:FE:39:D4:E7:0F:0E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150

```

\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\335\060\202\002\305\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156
\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062\060
\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145\154
\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062\060\036\027\015\060\071\060\071\060\061\060\060\060\060\060
\060\132\027\015\063\067\061\062\063\061\062\063\065\071\065\071
\132\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172
\157\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143
\157\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061
\062\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151
\145\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055
\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\275\355\301\003\374\366\217\374\002\261\157\133
\237\110\331\235\171\342\242\267\003\141\126\030\303\107\266\327
\312\075\065\056\211\103\367\241\151\233\336\212\032\375\023\040
\234\264\111\167\062\051\126\375\271\354\214\335\042\372\162\334
\047\141\227\356\366\132\204\354\156\031\271\211\054\334\204\133
\325\164\373\153\137\305\211\245\020\122\211\106\125\364\270\165
\034\346\177\344\124\256\113\370\125\162\127\002\031\370\027\161
\131\353\036\050\007\164\305\235\110\276\154\264\364\244\260\363
\144\067\171\222\300\354\106\136\177\341\155\123\114\142\257\315
\037\013\143\273\072\235\373\374\171\000\230\141\164\317\046\202
\100\143\363\262\162\152\031\015\231\312\324\016\165\314\067\373
\213\211\301\131\361\142\177\137\263\137\145\060\370\247\267\115
\166\132\036\166\136\064\300\350\226\126\231\212\263\360\177\244
\315\275\334\062\061\174\221\317\340\137\021\370\153\252\111\134

\321\231\224\321\242\343\143\133\011\166\265\126\142\341\113\164
\035\226\324\046\324\010\004\131\320\230\016\016\346\336\374\303
\354\037\220\361\002\003\001\000\001\243\102\060\100\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035
\006\003\125\035\016\004\026\004\024\174\014\062\037\247\331\060
\177\304\175\150\243\142\250\241\316\253\007\133\047\060\015\006
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001
\000\021\131\372\045\117\003\157\224\231\073\232\037\202\205\071
\324\166\005\224\136\341\050\223\155\142\135\011\302\240\250\324
\260\165\070\361\064\152\235\344\237\212\206\046\121\346\054\321
\306\055\156\225\040\112\222\001\354\270\212\147\173\061\342\147
\056\214\225\003\046\056\103\235\112\061\366\016\265\014\273\267
\342\067\177\042\272\000\243\016\173\122\373\153\273\073\304\323
\171\121\116\315\220\364\147\007\031\310\074\106\172\015\001\175
\305\130\347\155\346\205\060\027\232\044\304\020\340\004\367\340
\362\177\324\252\012\377\102\035\067\355\224\345\144\131\022\040
\167\070\323\062\076\070\201\165\226\163\372\150\217\261\313\316
\037\305\354\372\234\176\317\176\261\361\007\055\266\374\277\312
\244\277\320\227\005\112\274\352\030\050\002\220\275\124\170\011
\041\161\323\321\175\035\331\026\260\251\141\075\320\012\000\042
\374\307\173\313\011\144\105\013\073\100\201\367\175\174\062\365
\230\312\130\216\175\052\356\220\131\163\144\371\066\164\136\045
\241\365\146\005\056\177\071\025\251\052\373\120\213\216\205\151
\364

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Starfield Root Certificate Authority - G2"

Issuer: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US

Serial Number: 0 (0x0)

Subject: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US

Not Valid Before: Tue Sep 01 00:00:00 2009

Not Valid After : Thu Dec 31 23:59:59 2037

Fingerprint (SHA-256):

2C:E1:CB:0B:F9:D2:F9:E1:02:99:3F:BE:21:51:52:C3:B2:DD:0C:AB:DE:1C:68:E5:31:9B:83:91:54:DB:B7:F5

Fingerprint (SHA1): B5:1C:06:7C:EE:2B:0C:3D:F8:55:AB:2D:92:F4:FE:39:D4:E7:0F:0E

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Starfield Root Certificate Authority - G2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\265\034\006\174\356\053\014\075\370\125\253\055\222\364\376\071

```
\324\347\017\016
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\326\071\201\306\122\176\226\151\374\374\312\146\355\005\362\226
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Starfield Services Root Certificate Authority - G2"
#
# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (SHA-256):
56:8D:69:05:A2:C8:87:08:A4:B3:02:51:90:ED:CF:ED:B1:97:4A:60:6A:13:C6:E5:29:0F:CB:2A:E6:3E:DA:B5
# Fingerprint (SHA1): 92:5A:8F:8D:2C:6D:04:E0:66:5F:59:6A:FF:22:D8:63:E8:25:6F:3F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
```

\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\357\060\202\002\327\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156
\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073\060
\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145\154
\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164\040
\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150
\157\162\151\164\171\040\055\040\107\062\060\036\027\015\060\071
\060\071\060\061\060\060\060\060\060\060\132\027\015\063\067\061
\062\063\061\062\063\065\071\065\071\132\060\201\230\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\020\060\016\006\003
\125\004\010\023\007\101\162\151\172\157\156\141\061\023\060\021
\006\003\125\004\007\023\012\123\143\157\164\164\163\144\141\154
\145\061\045\060\043\006\003\125\004\012\023\034\123\164\141\162
\146\151\145\154\144\040\124\145\143\150\156\157\154\157\147\151
\145\163\054\040\111\156\143\056\061\073\060\071\006\003\125\004
\003\023\062\123\164\141\162\146\151\145\154\144\040\123\145\162
\166\151\143\145\163\040\122\157\157\164\040\103\145\162\164\151
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171

\040\055\040\107\062\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\325\014\072\304\052\371\116\342\365\276
\031\227\137\216\210\123\261\037\077\313\317\237\040\023\155\051
\072\310\017\175\074\367\153\166\070\143\331\066\140\250\233\136
\134\000\200\262\057\131\177\366\207\371\045\103\206\347\151\033
\122\232\220\341\161\343\330\055\015\116\157\366\310\111\331\266
\363\032\126\256\053\266\164\024\353\317\373\046\343\032\272\035
\226\056\152\073\130\224\211\107\126\377\045\240\223\160\123\203
\332\204\164\024\303\147\236\004\150\072\337\216\100\132\035\112
\116\317\103\221\073\347\126\326\000\160\313\122\356\173\175\256
\072\347\274\061\371\105\366\302\140\317\023\131\002\053\200\314
\064\107\337\271\336\220\145\155\002\317\054\221\246\246\347\336
\205\030\111\174\146\116\243\072\155\251\265\356\064\056\272\015
\003\270\063\337\107\353\261\153\215\045\331\233\316\201\321\105
\106\062\226\160\207\336\002\016\111\103\205\266\154\163\273\144
\352\141\101\254\311\324\124\337\207\057\307\042\262\046\314\237
\131\124\150\237\374\276\052\057\304\125\034\165\100\140\027\205
\002\125\071\213\177\005\002\003\001\000\001\243\102\060\100\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\035\006\003\125\035\016\004\026\004\024\234\137\000\337\252
\001\327\060\053\070\210\242\270\155\112\234\362\021\221\203\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202
\001\001\000\113\066\246\204\167\151\335\073\031\237\147\043\010
\157\016\141\311\375\204\334\137\330\066\201\315\330\033\101\055
\237\140\335\307\032\150\331\321\156\206\341\210\043\317\023\336
\103\317\342\064\263\004\235\037\051\325\277\370\136\310\325\301
\275\356\222\157\062\164\362\221\202\057\275\202\102\172\255\052
\267\040\175\115\274\172\125\022\302\025\352\275\367\152\225\056
\154\164\237\317\034\264\362\305\001\243\205\320\162\076\255\163
\253\013\233\165\014\155\105\267\216\224\254\226\067\265\240\320
\217\025\107\016\343\350\203\335\217\375\357\101\001\167\314\047
\251\142\205\063\362\067\010\357\161\317\167\006\336\310\031\035
\210\100\317\175\106\035\377\036\307\341\316\377\043\333\306\372
\215\125\116\251\002\347\107\021\106\076\364\375\275\173\051\046
\273\251\141\142\067\050\266\055\052\366\020\206\144\311\160\247
\322\255\267\051\160\171\352\074\332\143\045\237\375\150\267\060
\354\160\373\165\212\267\155\140\147\262\036\310\271\351\330\250
\157\002\213\147\015\115\046\127\161\332\040\374\301\112\120\215
\261\050\272

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Starfield Services Root Certificate Authority - G2"

Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,

```
Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (SHA-256):
56:8D:69:05:A2:C8:87:08:A4:B3:02:51:90:ED:CF:ED:B1:97:4A:60:6A:13:C6:E5:29:0F:CB:2A:E6:3E:DA:B5
# Fingerprint (SHA1): 92:5A:8F:8D:2C:6D:04:E0:66:5F:59:6A:FF:22:D8:63:E8:25:6F:3F
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\222\132\217\215\054\155\004\340\146\137\131\152\377\042\330\143
\350\045\157\077
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\027\065\164\257\173\141\034\353\364\371\074\342\356\100\371\242
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Commercial"
#
# Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Serial Number:77:77:06:27:26:a9:b1:7c
# Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:06:06 2010
```

Not Valid After : Tue Dec 31 14:06:06 2030

Fingerprint (SHA-256):

03:76:AB:1D:54:C5:F9:80:3C:E4:B2:E2:01:A0:EE:7E:EF:7B:57:B6:36:E8:A9:3C:9B:8D:48:60:C9:6F:5F:A7

Fingerprint (SHA1): F9:B5:B6:32:45:5F:9C:BE:EC:57:5F:80:DC:E9:6E:2C:C7:B2:78:B7

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "AffirmTrust Commercial"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155
\145\162\143\151\141\154

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155
\145\162\143\151\141\154

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\167\167\006\047\046\251\261\174

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\167
\167\006\047\046\251\261\174\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\104\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013
\101\146\146\151\162\155\124\162\165\163\164\061\037\060\035\006
\003\125\004\003\014\026\101\146\146\151\162\155\124\162\165\163
\164\040\103\157\155\155\145\162\143\151\141\154\060\036\027\015
\061\060\060\061\062\071\061\064\060\066\060\066\132\027\015\063
\060\061\062\063\061\061\064\060\066\060\066\132\060\104\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\024\060\022\006
\003\125\004\012\014\013\101\146\146\151\162\155\124\162\165\163
\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151
\162\155\124\162\165\163\164\040\103\157\155\155\145\162\143\151
\141\154\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\366\033\117\147\007\053\241\025\365\006\042\313\037
\001\262\343\163\105\006\104\111\054\273\111\045\024\326\316\303
\267\253\054\117\306\101\062\224\127\372\022\247\133\016\342\217
\037\036\206\031\247\252\265\055\271\137\015\212\302\257\205\065

\171\062\055\273\034\142\067\362\261\133\112\075\312\315\161\137
\351\102\276\224\350\310\336\371\042\110\144\306\345\253\306\053
\155\255\005\360\372\325\013\317\232\345\360\120\244\213\073\107
\245\043\133\172\172\370\063\077\270\357\231\227\343\040\301\326
\050\211\317\224\373\271\105\355\343\100\027\021\324\164\360\013
\061\342\053\046\152\233\114\127\256\254\040\076\272\105\172\005
\363\275\233\151\025\256\175\116\040\143\304\065\166\072\007\002
\311\067\375\307\107\356\350\361\166\035\163\025\362\227\244\265
\310\172\171\331\102\252\053\177\134\376\316\046\117\243\146\201
\065\257\104\272\124\036\034\060\062\145\235\346\074\223\136\120
\116\172\343\072\324\156\314\032\373\371\322\067\256\044\052\253
\127\003\042\050\015\111\165\177\267\050\332\165\277\216\343\334
\016\171\061\002\003\001\000\001\243\102\060\100\060\035\006\003
\125\035\016\004\026\004\024\235\223\306\123\213\136\312\257\077
\237\036\017\345\231\225\274\044\366\224\217\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011
\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001\000
\130\254\364\004\016\315\300\015\377\012\375\324\272\026\137\051
\275\173\150\231\130\111\322\264\035\067\115\177\047\175\106\006
\135\103\306\206\056\076\163\262\046\175\117\223\251\266\304\052
\232\253\041\227\024\261\336\214\323\253\211\025\330\153\044\324
\361\026\256\330\244\134\324\177\121\216\355\030\001\261\223\143
\275\274\370\141\200\232\236\261\316\102\160\342\251\175\006\045
\175\047\241\376\157\354\263\036\044\332\343\113\125\032\000\073
\065\264\073\331\327\135\060\375\201\023\211\362\302\006\053\355
\147\304\216\311\103\262\134\153\025\211\002\274\142\374\116\362
\265\063\252\262\157\323\012\242\120\343\366\073\350\056\104\302
\333\146\070\251\063\126\110\361\155\033\063\215\015\214\077\140
\067\235\323\312\155\176\064\176\015\237\162\166\213\033\237\162
\375\122\065\101\105\002\226\057\034\262\232\163\111\041\261\111
\107\105\107\264\357\152\064\021\311\115\232\314\131\267\326\002
\236\132\116\145\265\224\256\033\337\051\260\026\361\277\000\236
\007\072\027\144\265\004\265\043\041\231\012\225\073\227\174\357
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "AffirmTrust Commercial"

Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US

Serial Number:77:77:06:27:26:a9:b1:7c

Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US

Not Valid Before: Fri Jan 29 14:06:06 2010

Not Valid After : Tue Dec 31 14:06:06 2030

Fingerprint (SHA-256):

03:76:AB:1D:54:C5:F9:80:3C:E4:B2:E2:01:A0:EE:7E:EF:7B:57:B6:36:E8:A9:3C:9B:8D:48:60:C9:6F:5F:A7

Fingerprint (SHA1): F9:B5:B6:32:45:5F:9C:BE:EC:57:5F:80:DC:E9:6E:2C:C7:B2:78:B7

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Commercial"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\371\265\266\062\105\137\234\276\354\127\137\200\334\351\156\054
\307\262\170\267
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\202\222\272\133\357\315\212\157\246\075\125\371\204\366\326\267
END
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155
\145\162\143\151\141\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\167\167\006\047\046\251\261\174
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Networking"
#
# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Serial Number:7c:4f:04:39:1c:d4:99:2d
# Subject: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:08:24 2010
# Not Valid After : Tue Dec 31 14:08:24 2030
# Fingerprint (SHA-256):
0A:81:EC:5A:92:97:77:F1:45:90:4A:F3:8D:5D:50:9F:66:B5:E2:C5:8F:CD:B5:31:05:8B:0E:17:F3:F0:B4:1B
# Fingerprint (SHA1): 29:36:21:02:8B:20:ED:02:F5:66:C5:32:D1:D6:ED:90:9F:45:00:2F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026

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\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\174\117\004\071\034\324\231\055
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\174
\117\004\071\034\324\231\055\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\104\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013
\101\146\146\151\162\155\124\162\165\163\164\061\037\060\035\006
\003\125\004\003\014\026\101\146\146\151\162\155\124\162\165\163
\164\040\116\145\164\167\157\162\153\151\156\147\060\036\027\015
\061\060\060\061\062\071\061\064\060\070\062\064\132\027\015\063
\060\061\062\063\061\061\064\060\070\062\064\132\060\104\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\024\060\022\006
\003\125\004\012\014\013\101\146\146\151\162\155\124\162\165\163
\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151
\162\155\124\162\165\163\164\040\116\145\164\167\157\162\153\151
\156\147\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\264\204\314\063\027\056\153\224\154\153\141\122\240
\353\243\317\171\224\114\345\224\200\231\313\125\144\104\145\217
\147\144\342\006\343\134\067\111\366\057\233\204\204\036\055\362
\140\235\060\116\314\204\205\342\054\317\036\236\376\066\253\063
\167\065\104\330\065\226\032\075\066\350\172\016\330\325\107\241
\152\151\213\331\374\273\072\256\171\132\325\364\326\161\273\232
\220\043\153\232\267\210\164\207\014\036\137\271\236\055\372\253
\123\053\334\273\166\076\223\114\010\010\214\036\242\043\034\324
\152\255\042\272\231\001\056\155\145\313\276\044\146\125\044\113
\100\104\261\033\327\341\302\205\300\336\020\077\075\355\270\374
\361\361\043\123\334\277\145\227\157\331\371\100\161\215\175\275
\225\324\316\276\240\136\047\043\336\375\246\320\046\016\000\051
\353\074\106\360\075\140\277\077\120\322\334\046\101\121\236\024
\067\102\004\243\160\127\250\033\207\355\055\372\173\356\214\012
\343\251\146\211\031\313\101\371\335\104\066\141\317\342\167\106
\310\175\366\364\222\201\066\375\333\064\361\162\176\363\014\026
\275\264\025\002\003\001\000\001\243\102\060\100\060\035\006\003
\125\035\016\004\026\004\024\007\037\322\347\234\332\302\156\242

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\100\264\260\172\120\020\120\164\304\310\275\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000
\211\127\262\026\172\250\302\375\326\331\233\233\064\302\234\264
\062\024\115\247\244\337\354\276\247\276\370\103\333\221\067\316
\264\062\056\120\125\032\065\116\166\103\161\040\357\223\167\116
\025\160\056\207\303\301\035\155\334\313\265\047\324\054\126\321
\122\123\072\104\322\163\310\304\033\005\145\132\142\222\234\356
\101\215\061\333\347\064\352\131\041\325\001\172\327\144\270\144
\071\315\311\355\257\355\113\003\110\247\240\231\001\200\334\145
\243\066\256\145\131\110\117\202\113\310\145\361\127\035\345\131
\056\012\077\154\330\321\365\345\011\264\154\124\000\012\340\025
\115\207\165\155\267\130\226\132\335\155\322\000\240\364\233\110
\276\303\067\244\272\066\340\174\207\205\227\032\025\242\336\056
\242\133\275\257\030\371\220\120\315\160\131\370\047\147\107\313
\307\240\007\072\175\321\054\135\154\031\072\146\265\175\375\221
\157\202\261\276\010\223\333\024\107\361\242\067\307\105\236\074
\307\167\257\144\250\223\337\366\151\203\202\140\362\111\102\064
\355\132\000\124\205\034\026\066\222\014\134\372\246\255\277\333
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "AffirmTrust Networking"
# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Serial Number:7c:4f:04:39:1c:d4:99:2d
# Subject: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:08:24 2010
# Not Valid After : Tue Dec 31 14:08:24 2030
# Fingerprint (SHA-256):
0A:81:EC:5A:92:97:77:F1:45:90:4A:F3:8D:5D:50:9F:66:B5:E2:C5:8F:CD:B5:31:05:8B:0E:17:F3:F0:B4:1B
# Fingerprint (SHA1): 29:36:21:02:8B:20:ED:02:F5:66:C5:32:D1:D6:ED:90:9F:45:00:2F
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\051\066\041\002\213\040\355\002\365\146\305\062\321\326\355\220
\237\105\000\057
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\102\145\312\276\001\232\232\114\251\214\101\111\315\300\325\177
END
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
```

```
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\010\174\117\004\071\034\324\231\055
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "AffirmTrust Premium"

#

Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US

Serial Number:6d:8c:14:46:b1:a6:0a:ee

Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US

Not Valid Before: Fri Jan 29 14:10:36 2010

Not Valid After : Mon Dec 31 14:10:36 2040

Fingerprint (SHA-256):

70:A7:3F:7F:37:6B:60:07:42:48:90:45:34:B1:14:82:D5:BF:0E:69:8E:CC:49:8D:F5:25:77:EB:F2:E9:3B:9A

Fingerprint (SHA1): D8:A6:33:2C:E0:03:6F:B1:85:F6:63:4F:7D:6A:06:65:26:32:28:27

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "AffirmTrust Premium"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\010\155\214\024\106\261\246\012\356
```

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\106\060\202\003\056\240\003\002\001\002\002\010\155
\214\024\106\261\246\012\356\060\015\006\011\052\206\110\206\367
\015\001\001\014\005\000\060\101\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013
\101\146\146\151\162\155\124\162\165\163\164\061\034\060\032\006
\003\125\004\003\014\023\101\146\146\151\162\155\124\162\165\163
\164\040\120\162\145\155\151\165\155\060\036\027\015\061\060\060
\061\062\071\061\064\061\060\063\066\132\027\015\064\060\061\062
\063\061\061\064\061\060\063\066\132\060\101\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\024\060\022\006\003\125\004
\012\014\013\101\146\146\151\162\155\124\162\165\163\164\061\034
\060\032\006\003\125\004\003\014\023\101\146\146\151\162\155\124
\162\165\163\164\040\120\162\145\155\151\165\155\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\304\022\337
\251\137\376\101\335\335\365\237\212\343\366\254\341\074\170\232
\274\330\360\177\172\240\063\052\334\215\040\133\256\055\157\347
\223\331\066\160\152\150\317\216\121\243\205\133\147\004\240\020
\044\157\135\050\202\301\227\127\330\110\051\023\266\341\276\221
\115\337\205\014\123\030\232\036\044\242\117\217\360\242\205\013
\313\364\051\177\322\244\130\356\046\115\311\252\250\173\232\331
\372\070\336\104\127\025\345\370\214\310\331\110\342\015\026\047
\035\036\310\203\205\045\267\272\252\125\101\314\003\042\113\055
\221\215\213\346\211\257\146\307\351\377\053\351\074\254\332\322
\263\303\341\150\234\211\370\172\000\126\336\364\125\225\154\373
\272\144\335\142\213\337\013\167\062\353\142\314\046\232\233\273
\252\142\203\114\264\006\172\060\310\051\277\355\006\115\227\271
\034\304\061\053\325\137\274\123\022\027\234\231\127\051\146\167
\141\041\061\007\056\045\111\235\030\362\356\363\053\161\214\265
\272\071\007\111\167\374\357\056\222\220\005\215\055\057\167\173
\357\103\277\065\273\232\330\371\163\247\054\362\320\127\356\050
\116\046\137\217\220\150\011\057\270\370\334\006\351\056\232\076
\121\247\321\042\304\012\247\070\110\154\263\371\377\175\253\206
\127\343\272\326\205\170\167\272\103\352\110\177\366\330\276\043
\155\036\277\321\066\154\130\134\361\356\244\031\124\032\365\003
\322\166\346\341\214\275\074\263\323\110\113\342\310\370\177\222
\250\166\106\234\102\145\076\244\036\301\007\003\132\106\055\270
\227\363\267\325\262\125\041\357\272\334\114\000\227\373\024\225
\047\063\277\350\103\107\106\322\010\231\026\140\073\232\176\322
\346\355\070\352\354\001\036\074\110\126\111\011\307\114\067\000
\236\210\016\300\163\341\157\146\351\162\107\060\076\020\345\013
\003\311\232\102\000\154\305\224\176\141\304\212\337\177\202\032
\013\131\304\131\062\167\263\274\140\151\126\071\375\264\006\173
\054\326\144\066\331\275\110\355\204\037\176\245\042\217\052\270
\102\364\202\267\324\123\220\170\116\055\032\375\201\157\104\327
\073\001\164\226\102\340\000\342\056\153\352\305\356\162\254\273
\277\376\352\252\250\370\334\366\262\171\212\266\147\002\003\001

\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026\004
\024\235\300\147\246\014\042\331\046\365\105\253\246\145\122\021
\047\330\105\254\143\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015
\001\001\014\005\000\003\202\002\001\000\263\127\115\020\142\116
\072\344\254\352\270\034\257\062\043\310\263\111\132\121\234\166
\050\215\171\252\127\106\027\325\365\122\366\267\104\350\010\104
\277\030\204\322\013\200\315\305\022\375\000\125\005\141\207\101
\334\265\044\236\074\304\330\310\373\160\236\057\170\226\203\040
\066\336\174\017\151\023\210\245\165\066\230\010\246\306\337\254
\316\343\130\326\267\076\336\272\363\353\064\100\330\242\201\365
\170\077\057\325\245\374\331\242\324\136\004\016\027\255\376\101
\360\345\262\162\372\104\202\063\102\350\055\130\367\126\214\142
\077\272\102\260\234\014\134\176\056\145\046\134\123\117\000\262
\170\176\241\015\231\055\215\270\035\216\242\304\260\375\140\320
\060\244\216\310\004\142\251\304\355\065\336\172\227\355\016\070
\136\222\057\223\160\245\251\234\157\247\175\023\035\176\306\010
\110\261\136\147\353\121\010\045\351\346\045\153\122\051\221\234
\322\071\163\010\127\336\231\006\264\133\235\020\006\341\302\000
\250\270\034\112\002\012\024\320\301\101\312\373\214\065\041\175
\202\070\362\251\124\221\031\065\223\224\155\152\072\305\262\320
\273\211\206\223\350\233\311\017\072\247\172\270\241\360\170\106
\372\374\067\057\345\212\204\363\337\376\004\331\241\150\240\057
\044\342\011\225\006\325\225\312\341\044\226\353\174\366\223\005
\273\355\163\351\055\321\165\071\327\347\044\333\330\116\137\103
\217\236\320\024\071\277\125\160\110\231\127\061\264\234\356\112
\230\003\226\060\037\140\006\356\033\043\376\201\140\043\032\107
\142\205\245\314\031\064\200\157\263\254\032\343\237\360\173\110
\255\325\001\331\147\266\251\162\223\352\055\146\265\262\270\344
\075\074\262\357\114\214\352\353\007\277\253\065\232\125\206\274
\030\246\265\250\136\264\203\154\153\151\100\323\237\334\361\303
\151\153\271\341\155\011\364\361\252\120\166\012\172\175\172\027
\241\125\226\102\231\061\011\335\140\021\215\005\060\176\346\216
\106\321\235\024\332\307\027\344\005\226\214\304\044\265\033\317
\024\007\262\100\370\243\236\101\206\274\004\320\153\226\310\052
\200\064\375\277\357\006\243\335\130\305\205\075\076\217\376\236
\051\340\266\270\011\150\031\034\030\103

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "AffirmTrust Premium"
Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US
Serial Number:6d:8c:14:46:b1:a6:0a:ee
Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US
Not Valid Before: Fri Jan 29 14:10:36 2010

```

# Not Valid After : Mon Dec 31 14:10:36 2040
# Fingerprint (SHA-256):
70:A7:3F:7F:37:6B:60:07:42:48:90:45:34:B1:14:82:D5:BF:0E:69:8E:CC:49:8D:F5:25:77:EB:F2:E9:3B:9A
# Fingerprint (SHA1): D8:A6:33:2C:E0:03:6F:B1:85:F6:63:4F:7D:6A:06:65:26:32:28:27
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\330\246\063\054\340\003\157\261\205\366\143\117\175\152\006\145
\046\062\050\047
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\304\135\016\110\266\254\050\060\116\012\274\371\070\026\207\127
END
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\155\214\024\106\261\246\012\356
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Premium ECC"
#
# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Serial Number:74:97:25:8a:c7:3f:7a:54
# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:20:24 2010
# Not Valid After : Mon Dec 31 14:20:24 2040
# Fingerprint (SHA-256):
BD:71:FD:F6:DA:97:E4:CF:62:D1:64:7A:DD:25:81:B0:7D:79:AD:F8:39:7E:B4:EC:BA:9C:5E:84:88:82:14:23
# Fingerprint (SHA1): B8:23:6B:00:2F:1D:16:86:53:01:55:6C:11:A4:37:CA:EB:FF:C3:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA_SUBJECT MULTILINE_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\164\227\045\212\307\077\172\124

END

CKA_VALUE MULTILINE_OCTAL

\060\202\001\376\060\202\001\205\240\003\002\001\002\002\010\164
\227\045\212\307\077\172\124\060\012\006\010\052\206\110\316\075
\004\003\003\060\105\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\024\060\022\006\003\125\004\012\014\013\101\146\146
\151\162\155\124\162\165\163\164\061\040\060\036\006\003\125\004
\003\014\027\101\146\146\151\162\155\124\162\165\163\164\040\120
\162\145\155\151\165\155\040\105\103\103\060\036\027\015\061\060
\060\061\062\071\061\064\062\060\062\064\132\027\015\064\060\061
\062\063\061\061\064\062\060\062\064\132\060\105\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\024\060\022\006\003\125
\004\012\014\013\101\146\146\151\162\155\124\162\165\163\164\061
\040\060\036\006\003\125\004\003\014\027\101\146\146\151\162\155
\124\162\165\163\164\040\120\162\145\155\151\165\155\040\105\103
\103\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\015\060\136\033\025\235\003
\320\241\171\065\267\072\074\222\172\312\025\034\315\142\363\234
\046\134\007\075\345\124\372\243\326\314\022\352\364\024\137\350
\216\031\253\057\056\110\346\254\030\103\170\254\320\067\303\275
\262\315\054\346\107\342\032\346\143\270\075\056\057\170\304\117
\333\364\017\244\150\114\125\162\153\225\035\116\030\102\225\170
\314\067\074\221\342\233\145\053\051\243\102\060\100\060\035\006
\003\125\035\016\004\026\004\024\232\257\051\172\300\021\065\065
\046\121\060\000\303\152\376\100\325\256\326\074\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\012\006
\010\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060
\027\011\363\207\210\120\132\257\310\300\102\277\107\137\365\154
\152\206\340\304\047\164\344\070\123\327\005\177\033\064\343\306
\057\263\312\011\074\067\235\327\347\270\106\361\375\241\342\161

```
\002\060\102\131\207\103\324\121\337\272\323\011\062\132\316\210
\176\127\075\234\137\102\153\365\007\055\265\360\202\223\371\131
\157\256\144\372\130\345\213\036\343\143\276\265\201\315\157\002
\214\171
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "AffirmTrust Premium ECC"
```

```
# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
```

```
# Serial Number:74:97:25:8a:c7:3f:7a:54
```

```
# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
```

```
# Not Valid Before: Fri Jan 29 14:20:24 2010
```

```
# Not Valid After : Mon Dec 31 14:20:24 2040
```

```
# Fingerprint (SHA-256):
```

```
BD:71:FD:F6:DA:97:E4:CF:62:D1:64:7A:DD:25:81:B0:7D:79:AD:F8:39:7E:B4:EC:BA:9C:5E:84:88:82:14:23
```

```
# Fingerprint (SHA1): B8:23:6B:00:2F:1D:16:86:53:01:55:6C:11:A4:37:CA:EB:FF:C3:BB
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "AffirmTrust Premium ECC"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\270\043\153\000\057\035\026\206\123\001\125\154\021\244\067\312
\353\377\303\273
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\144\260\011\125\317\261\325\231\342\276\023\253\246\135\352\115
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\010\164\227\045\212\307\077\172\124
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "Certum Trusted Network CA"
```

```
#
```



```
# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
# Serial Number: 279744 (0x444c0)
# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
# Not Valid Before: Wed Oct 22 12:07:37 2008
# Not Valid After : Mon Dec 31 12:07:37 2029
# Fingerprint (SHA-256):
5C:58:46:8D:55:F5:8E:49:7E:74:39:82:D2:B5:00:10:B6:D1:65:37:4A:CF:83:A7:D4:A3:2D:B7:68:C4:40:8E
# Fingerprint (SHA1): 07:E0:32:E0:20:B7:2C:3F:19:2F:06:28:A2:59:3A:19:A7:0F:06:9E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\004\104\300
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\273\060\202\002\243\240\003\002\001\002\002\003\004
\104\300\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164
```

\151\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060
\040\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\060\036\027\015\060\070\061\060\062\062\061\062\060\067\063
\067\132\027\015\062\071\061\062\063\061\061\062\060\067\063\067
\132\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060
\040\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001
\001\000\343\373\175\243\162\272\302\360\311\024\207\365\153\001
\116\341\156\100\007\272\155\047\135\177\367\133\055\263\132\307
\121\137\253\244\062\246\141\207\266\156\017\206\322\060\002\227
\370\327\151\127\241\030\071\135\152\144\171\306\001\131\254\074
\061\112\070\174\322\004\322\113\050\350\040\137\073\007\242\314
\115\163\333\363\256\117\307\126\325\132\247\226\211\372\363\253
\150\324\043\206\131\047\317\011\047\274\254\156\162\203\034\060
\162\337\340\242\351\322\341\164\165\031\275\052\236\173\025\124
\004\033\327\103\071\255\125\050\305\342\032\273\364\300\344\256
\070\111\063\314\166\205\237\071\105\322\244\236\362\022\214\121
\370\174\344\055\177\365\254\137\353\026\237\261\055\321\272\314
\221\102\167\114\045\311\220\070\157\333\360\314\373\216\036\227
\131\076\325\140\116\346\005\050\355\111\171\023\113\272\110\333
\057\371\162\323\071\312\376\037\330\064\162\365\264\100\317\061
\001\303\354\336\021\055\027\135\037\270\120\321\136\031\247\151
\336\007\063\050\312\120\225\371\247\124\313\124\206\120\105\251
\371\111\002\003\001\000\001\243\102\060\100\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
\125\035\016\004\026\004\024\010\166\315\313\007\377\044\366\305
\315\355\273\220\274\342\204\067\106\165\367\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\246
\250\255\042\316\001\075\246\243\377\142\320\110\235\213\136\162
\260\170\104\343\334\034\257\011\375\043\110\372\275\052\304\271
\125\004\265\020\243\215\047\336\013\202\143\320\356\336\014\067
\171\101\133\042\262\260\232\101\134\246\160\340\324\320\167\313
\043\323\000\340\154\126\057\341\151\015\015\331\252\277\041\201
\120\331\006\245\250\377\225\067\320\252\376\342\263\365\231\055
\105\204\212\345\102\011\327\164\002\057\367\211\330\231\351\274
\047\324\107\215\272\015\106\034\167\317\024\244\034\271\244\061
\304\234\050\164\003\064\377\063\031\046\245\351\015\164\267\076
\227\306\166\350\047\226\243\146\335\341\256\362\101\133\312\230
\126\203\163\160\344\206\032\322\061\101\272\057\276\055\023\132

```
\166\157\116\350\116\201\016\077\133\003\042\240\022\276\146\130
\021\112\313\003\304\264\052\052\055\226\027\340\071\124\274\110
\323\166\047\235\232\055\006\246\311\354\071\322\253\333\237\232
\013\047\002\065\051\261\100\225\347\371\350\234\125\210\031\106
\326\267\064\365\176\316\071\232\331\070\361\121\367\117\054
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Certum Trusted Network CA"

Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL

Serial Number: 279744 (0x444c0)

Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL

Not Valid Before: Wed Oct 22 12:07:37 2008

Not Valid After : Mon Dec 31 12:07:37 2029

Fingerprint (SHA-256):

5C:58:46:8D:55:F5:8E:49:7E:74:39:82:D2:B5:00:10:B6:D1:65:37:4A:CF:83:A7:D4:A3:2D:B7:68:C4:40:8E

Fingerprint (SHA1): 07:E0:32:E0:20:B7:2C:3F:19:2F:06:28:A2:59:3A:19:A7:0F:06:9E

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Certum Trusted Network CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

```
\007\340\062\340\040\267\054\077\031\057\006\050\242\131\072\031
\247\017\006\236
```

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

```
\325\351\201\100\305\030\151\374\106\054\211\165\142\017\252\170
```

END

CKA_ISSUER MULTILINE_OCTAL

```
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\003\004\104\300
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "TWCA Root Certification Authority"

#

Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW

Serial Number: 1 (0x1)

Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW

Not Valid Before: Thu Aug 28 07:24:33 2008

Not Valid After : Tue Dec 31 15:59:59 2030

Fingerprint (SHA-256):

BF:D8:8F:E1:10:1C:41:AE:3E:80:1B:F8:BE:56:35:0E:E9:BA:D1:A6:B9:BD:51:5E:DC:5C:6D:5B:87:11:AC:44

Fingerprint (SHA1): CF:9E:87:6D:D3:EB:FC:42:26:97:A3:B5:A3:7A:A0:76:A9:06:23:48

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "TWCA Root Certification Authority"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\173\060\202\002\143\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061\022
\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116\055
\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157\157

\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041\124
\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\060\036\027\015\060\070\060\070\062\070\060\067\062\064\063\063
\132\027\015\063\060\061\062\063\061\061\065\065\071\065\071\132
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001
\001\000\260\176\162\270\244\003\224\346\247\336\011\070\221\112
\021\100\207\247\174\131\144\024\173\265\021\020\335\376\277\325
\300\273\126\342\205\045\364\065\162\017\370\123\320\101\341\104
\001\302\264\034\303\061\102\026\107\205\063\042\166\262\012\157
\017\345\045\120\117\205\206\276\277\230\056\020\147\036\276\021
\005\206\005\220\304\131\320\174\170\020\260\200\134\267\341\307
\053\165\313\174\237\256\265\321\235\043\067\143\247\334\102\242
\055\222\004\033\120\301\173\270\076\033\311\126\004\213\057\122
\233\255\251\126\351\301\377\255\251\130\207\060\266\201\367\227
\105\374\031\127\073\053\157\344\107\364\231\105\376\035\361\370
\227\243\210\035\067\034\134\217\340\166\045\232\120\370\240\124
\377\104\220\166\043\322\062\306\303\253\006\277\374\373\277\363
\255\175\222\142\002\133\051\323\065\243\223\232\103\144\140\135
\262\372\062\377\073\004\257\115\100\152\371\307\343\357\043\375
\153\313\345\017\213\070\015\356\012\374\376\017\230\237\060\061
\335\154\122\145\371\213\201\276\042\341\034\130\003\272\221\033
\211\007\002\003\001\000\001\243\102\060\100\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
\125\035\016\004\026\004\024\152\070\133\046\215\336\213\132\362
\117\172\124\203\031\030\343\010\065\246\272\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\074
\325\167\075\332\337\211\272\207\014\010\124\152\040\120\222\276
\260\101\075\271\046\144\203\012\057\350\100\300\227\050\047\202
\060\112\311\223\377\152\347\246\000\177\211\102\232\326\021\345
\123\316\057\314\362\332\005\304\376\342\120\304\072\206\175\314
\332\176\020\011\073\222\065\052\123\262\376\353\053\005\331\154
\135\346\320\357\323\152\146\236\025\050\205\172\350\202\000\254
\036\247\011\151\126\102\323\150\121\030\276\124\232\277\104\101
\272\111\276\040\272\151\134\356\270\167\315\316\154\037\255\203
\226\030\175\016\265\024\071\204\361\050\351\055\243\236\173\036
\172\162\132\203\263\171\157\357\264\374\320\012\245\130\117\106
\337\373\155\171\131\362\204\042\122\256\017\314\373\174\073\347
\152\312\107\141\303\172\370\323\222\004\037\270\040\204\341\066
\124\026\307\100\336\073\212\163\334\337\306\011\114\337\354\332

```
\377\324\123\102\241\311\362\142\035\042\203\074\227\305\371\031
\142\047\254\145\042\327\323\074\306\345\216\262\123\314\111\316
\274\060\376\173\016\063\220\373\355\322\024\221\037\007\257
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "TWCA Root Certification Authority"
```

```
# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
```

```
# Serial Number: 1 (0x1)
```

```
# Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
```

```
# Not Valid Before: Thu Aug 28 07:24:33 2008
```

```
# Not Valid After : Tue Dec 31 15:59:59 2030
```

```
# Fingerprint (SHA-256):
```

```
BF:D8:8F:E1:10:1C:41:AE:3E:80:1B:F8:BE:56:35:0E:E9:BA:D1:A6:B9:BD:51:5E:DC:5C:6D:5B:87:11:AC:44
```

```
# Fingerprint (SHA1): CF:9E:87:6D:D3:EB:FC:42:26:97:A3:B5:A3:7A:A0:76:A9:06:23:48
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TWCA Root Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\317\236\207\155\323\353\374\102\046\227\243\265\243\172\240\166
\251\006\043\110
```

```
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\252\010\217\366\371\173\267\362\261\247\036\233\352\352\275\171
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\001
```

```
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "Explicitly Distrust DigiNotar Root CA"
```

```
#
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After : Mon Mar 31 18:19:22 2025
# Fingerprint (MD5): 0A:A4:D5:CC:BA:B4:FB:A3:59:E3:E6:01:DD:53:D9:4E
# Fingerprint (SHA1): C1:77:CB:4B:E0:B4:26:8E:F5:C7:CF:45:99:22:B9:B0:CE:BA:21:2F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\212\060\202\003\162\240\003\002\001\002\002\020\017
\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\137
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022\060
\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164\141
\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147\151
\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040\060
\036\006\011\052\206\110\206\367\015\001\011\001\026\021\151\156
\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154\060
\036\027\015\060\067\060\067\062\067\061\067\061\071\063\067\132
```

\027\015\062\065\060\063\063\061\061\070\061\071\062\062\132\060
\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022
\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164
\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147
\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040
\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021\151
\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\254\260\130\301\000\275\330\041\010\013\053\232\376\156\126
\060\005\237\033\167\220\020\101\134\303\015\207\021\167\216\201
\361\312\174\351\214\152\355\070\164\065\273\332\337\371\273\300
\011\067\264\226\163\201\175\063\032\230\071\367\223\157\225\177
\075\271\261\165\207\272\121\110\350\213\160\076\225\004\305\330
\266\303\026\331\210\260\261\207\035\160\332\206\264\017\024\213
\172\317\020\321\164\066\242\022\173\167\206\112\171\346\173\337
\002\021\150\245\116\206\256\064\130\233\044\023\170\126\042\045
\036\001\213\113\121\161\373\202\314\131\226\151\210\132\150\123
\305\271\015\002\067\313\113\274\146\112\220\176\052\013\005\007
\355\026\137\125\220\165\330\106\311\033\203\342\010\276\361\043
\314\231\035\326\052\017\203\040\025\130\047\202\056\372\342\042
\302\111\261\271\001\201\152\235\155\235\100\167\150\166\116\041
\052\155\204\100\205\116\166\231\174\202\363\363\267\002\131\324
\046\001\033\216\337\255\123\006\321\256\030\335\342\262\072\313
\327\210\070\216\254\133\051\271\031\323\230\371\030\003\317\110
\202\206\146\013\033\151\017\311\353\070\210\172\046\032\005\114
\222\327\044\324\226\362\254\122\055\243\107\325\122\366\077\376
\316\204\006\160\246\252\076\242\362\266\126\064\030\127\242\344
\201\155\347\312\360\152\323\307\221\153\002\203\101\174\025\357
\153\232\144\136\343\320\074\345\261\353\173\135\206\373\313\346
\167\111\315\243\145\334\367\271\234\270\344\013\137\223\317\314
\060\032\062\034\316\034\143\225\245\371\352\341\164\213\236\351
\053\251\060\173\240\030\037\016\030\013\345\133\251\323\321\154
\036\007\147\217\221\113\251\212\274\322\146\252\223\001\210\262
\221\372\061\134\325\246\301\122\010\011\315\012\143\242\323\042
\246\350\241\331\071\006\227\365\156\215\002\220\214\024\173\077
\200\315\033\234\272\304\130\162\043\257\266\126\237\306\172\102
\063\051\007\077\202\311\346\037\005\015\315\114\050\066\213\323
\310\076\034\306\210\357\136\356\211\144\351\035\353\332\211\176
\062\246\151\321\335\314\210\237\321\320\311\146\041\334\006\147
\305\224\172\232\155\142\114\175\314\340\144\200\262\236\107\216
\243\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125
\035\016\004\026\004\024\210\150\277\340\216\065\304\073\070\153
\142\367\050\073\204\201\310\014\327\115\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\073\002
\215\313\074\060\350\156\240\255\362\163\263\137\236\045\023\004

\005\323\366\343\213\273\013\171\316\123\336\344\226\305\321\257
\163\274\325\303\320\100\125\174\100\177\315\033\137\011\325\362
\174\237\150\035\273\135\316\172\071\302\214\326\230\173\305\203
\125\250\325\175\100\312\340\036\367\211\136\143\135\241\023\302
\135\212\266\212\174\000\363\043\303\355\205\137\161\166\360\150
\143\252\105\041\071\110\141\170\066\334\361\103\223\324\045\307
\362\200\145\341\123\002\165\121\374\172\072\357\067\253\204\050
\127\014\330\324\324\231\126\154\343\242\376\131\204\264\061\350
\063\370\144\224\224\121\227\253\071\305\113\355\332\335\200\013
\157\174\051\015\304\216\212\162\015\347\123\024\262\140\101\075
\204\221\061\150\075\047\104\333\345\336\364\372\143\105\310\114
\076\230\365\077\101\272\116\313\067\015\272\146\230\361\335\313
\237\134\367\124\066\202\153\054\274\023\141\227\102\370\170\273
\314\310\242\237\312\360\150\275\153\035\262\337\215\157\007\235
\332\216\147\307\107\036\312\271\277\052\102\221\267\143\123\146
\361\102\243\341\364\132\115\130\153\265\344\244\063\255\134\160
\035\334\340\362\353\163\024\221\232\003\301\352\000\145\274\007
\374\317\022\021\042\054\256\240\275\072\340\242\052\330\131\351
\051\323\030\065\244\254\021\137\031\265\265\033\377\042\112\134
\306\172\344\027\357\040\251\247\364\077\255\212\247\232\004\045
\235\016\312\067\346\120\375\214\102\051\004\232\354\271\317\113
\162\275\342\010\066\257\043\057\142\345\312\001\323\160\333\174
\202\043\054\026\061\014\306\066\007\220\172\261\037\147\130\304
\073\130\131\211\260\214\214\120\263\330\206\313\150\243\304\012
\347\151\113\040\316\301\036\126\113\225\251\043\150\330\060\330
\303\353\260\125\121\315\345\375\053\270\365\273\021\237\123\124
\366\064\031\214\171\011\066\312\141\027\045\027\013\202\230\163
\014\167\164\303\325\015\307\250\022\114\307\247\124\161\107\056
\054\032\175\311\343\053\073\110\336\047\204\247\143\066\263\175
\217\240\144\071\044\015\075\173\207\257\146\134\164\033\113\163
\262\345\214\360\206\231\270\345\305\337\204\301\267\353
END

```
# Trust for Certificate "Explicitly Distrust DigiNotar Root CA"  
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL  
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff  
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL  
# Not Valid Before: Fri Jul 27 17:19:37 2007  
# Not Valid After : Mon Mar 31 18:19:22 2025  
# Fingerprint (MD5): 0A:A4:D5:CC:BA:B4:FB:A3:59:E3:E6:01:DD:53:D9:4E  
# Fingerprint (SHA1): C1:77:CB:4B:E0:B4:26:8E:F5:C7:CF:45:99:22:B9:B0:CE:BA:21:2F  
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST  
CKA_TOKEN CK_BBOOL CK_TRUE  
CKA_PRIVATE CK_BBOOL CK_FALSE  
CKA_MODIFIABLE CK_BBOOL CK_FALSE  
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"  
CKA_CERT_SHA1_HASH MULTILINE_OCTAL  
\301\167\313\113\340\264\046\216\365\307\317\105\231\042\271\260
```

```
\316\272\041\057
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\012\244\325\314\272\264\373\243\131\343\346\001\335\123\331\116
END
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Security Communication RootCA2"
#
# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
# Not Valid Before: Fri May 29 05:00:39 2009
# Not Valid After : Tue May 29 05:00:39 2029
# Fingerprint (SHA-256):
51:3B:2C:EC:B8:10:D4:CD:E5:DD:85:39:1A:DF:C6:C2:DD:60:D8:7B:B7:36:D2:B5:21:48:4A:A4:7A:0E:BE:F6
# Fingerprint (SHA1): 5F:3B:8C:F2:F8:10:B3:7D:78:B4:CE:EC:19:19:C3:73:34:B9:C7:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication RootCA2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
```

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\167\060\202\002\137\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045
\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124
\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056
\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023\036
\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151
\143\141\164\151\157\156\040\122\157\157\164\103\101\062\060\036
\027\015\060\071\060\065\062\071\060\065\060\060\063\071\132\027
\015\062\071\060\065\062\071\060\065\060\060\063\071\132\060\135
\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045\060
\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124\162
\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056\054
\114\124\104\056\061\047\060\045\006\003\125\004\013\023\036\123
\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151\143
\141\164\151\157\156\040\122\157\157\164\103\101\062\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\320\025
\071\122\261\122\263\272\305\131\202\304\135\122\256\072\103\145
\200\113\307\362\226\274\333\066\227\326\246\144\214\250\136\360
\343\012\034\367\337\227\075\113\256\366\135\354\041\265\101\253
\315\271\176\166\237\276\371\076\066\064\240\073\301\366\061\021
\105\164\223\075\127\200\305\371\211\231\312\345\253\152\324\265
\332\101\220\020\301\326\326\102\211\302\277\364\070\022\225\114
\124\005\367\066\344\105\203\173\024\145\326\334\014\115\321\336
\176\014\253\073\304\025\276\072\126\246\132\157\166\151\122\251
\172\271\310\353\152\232\135\122\320\055\012\153\065\026\011\020
\204\320\152\312\072\006\000\067\107\344\176\127\117\077\213\353
\147\270\210\252\305\276\123\125\262\221\304\175\271\260\205\031
\006\170\056\333\141\032\372\205\365\112\221\241\347\026\325\216
\242\071\337\224\270\160\037\050\077\213\374\100\136\143\203\074
\203\052\032\231\153\317\336\131\152\073\374\157\026\327\037\375
\112\020\353\116\202\026\072\254\047\014\123\361\255\325\044\260
\153\003\120\301\055\074\026\335\104\064\047\032\165\373\002\003
\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026

```
\004\024\012\205\251\167\145\005\230\174\100\201\370\017\227\054
\070\361\012\354\074\317\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\003\202\001\001\000\114\072\243\104\254
\271\105\261\307\223\176\310\013\012\102\337\144\352\034\356\131
\154\010\272\211\137\152\312\112\225\236\172\217\007\305\332\105
\162\202\161\016\072\322\314\157\247\264\241\043\273\366\044\237
\313\027\376\214\246\316\302\322\333\314\215\374\161\374\003\051
\301\154\135\063\137\144\266\145\073\211\157\030\166\170\365\334
\242\110\037\031\077\216\223\353\361\372\027\356\315\116\343\004
\022\125\326\345\344\335\373\076\005\174\342\035\136\306\247\274
\227\117\150\072\365\351\056\012\103\266\257\127\134\142\150\174
\267\375\243\212\204\240\254\142\276\053\011\207\064\360\152\001
\273\233\051\126\074\376\000\067\317\043\154\361\116\252\266\164
\106\022\154\221\356\064\325\354\232\221\347\104\276\220\061\162
\325\111\002\366\002\345\364\037\353\174\331\226\125\251\377\354
\212\371\231\107\377\065\132\002\252\004\313\212\133\207\161\051
\221\275\244\264\172\015\275\232\365\127\043\000\007\041\027\077
\112\071\321\005\111\013\247\266\067\201\245\135\214\252\063\136
\201\050\174\247\175\047\353\000\256\215\067
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Security Communication RootCA2"
```

```
# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
```

```
# Serial Number: 0 (0x0)
```

```
# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
```

```
# Not Valid Before: Fri May 29 05:00:39 2009
```

```
# Not Valid After : Tue May 29 05:00:39 2029
```

```
# Fingerprint (SHA-256):
```

```
51:3B:2C:EC:B8:10:D4:CD:E5:DD:85:39:1A:DF:C6:C2:DD:60:D8:7B:B7:36:D2:B5:21:48:4A:A4:7A:0E:BE:F6
```

```
# Fingerprint (SHA1): 5F:3B:8C:F2:F8:10:B3:7D:78:B4:CE:EC:19:19:C3:73:34:B9:C7:74
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Security Communication RootCA2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\137\073\214\362\370\020\263\175\170\264\316\354\031\031\303\163
\064\271\307\164
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\154\071\175\244\016\125\131\262\077\326\101\261\022\120\336\103
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "EC-ACC"

#

Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu <https://www.catcert.net/verarrel>
(c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES

Serial Number:ee:2b:3d:eb:d4:21:de:14:a8:62:ac:04:f3:dd:c4:01

Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu

<https://www.catcert.net/verarrel> (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF
Q-0801176-I),C=ES

Not Valid Before: Tue Jan 07 23:00:00 2003

Not Valid After : Tue Jan 07 22:59:59 2031

Fingerprint (SHA-256):

88:49:7F:01:60:2F:31:54:24:6A:E2:8C:4D:5A:EF:10:F1:D8:7E:BB:76:62:6F:4A:E0:B7:F9:5B:A7:96:87:99

Fingerprint (SHA1): 28:90:3A:63:5B:52:80:FA:E6:77:4C:0B:6D:A7:D6:BA:A6:4A:F2:E8

For Server Distrust After: Sat Dec 28 00:00:00 2019

For Email Distrust After: Wed Aug 31 00:00:00 2022

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "EC-ACC"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057

\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006
\105\103\055\101\103\103

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006
\105\103\055\101\103\103

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\356\053\075\353\324\041\336\024\250\142\254\004\363\335
\304\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\126\060\202\004\076\240\003\002\001\002\002\020\356
\053\075\353\324\041\336\024\250\142\254\004\363\335\304\001\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\363\061\013\060\011\006\003\125\004\006\023\002\105\123\061\073
\060\071\006\003\125\004\012\023\062\101\147\145\156\143\151\141
\040\103\141\164\141\154\141\156\141\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\040\050\116\111\106\040\121
\055\060\070\060\061\061\067\066\055\111\051\061\050\060\046\006
\003\125\004\013\023\037\123\145\162\166\145\151\163\040\120\165
\142\154\151\143\163\040\144\145\040\103\145\162\164\151\146\151
\143\141\143\151\157\061\065\060\063\006\003\125\004\013\023\054
\126\145\147\145\165\040\150\164\164\160\163\072\057\057\167\167
\167\056\143\141\164\143\145\162\164\056\156\145\164\057\166\145
\162\141\162\162\145\154\040\050\143\051\060\063\061\065\060\063
\006\003\125\004\013\023\054\112\145\162\141\162\161\165\151\141
\040\105\156\164\151\164\141\164\163\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\040\103\141\164\141\154\141

\156\145\163\061\017\060\015\006\003\125\004\003\023\006\105\103
\055\101\103\103\060\036\027\015\060\063\060\061\060\067\062\063
\060\060\060\060\132\027\015\063\061\060\061\060\067\062\062\065
\071\065\071\132\060\201\363\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\073\060\071\006\003\125\004\012\023\062\101
\147\145\156\143\151\141\040\103\141\164\141\154\141\156\141\040
\144\145\040\103\145\162\164\151\146\151\143\141\143\151\157\040
\050\116\111\106\040\121\055\060\070\060\061\061\067\066\055\111
\051\061\050\060\046\006\003\125\004\013\023\037\123\145\162\166
\145\151\163\040\120\165\142\154\151\143\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\061\065\060\063\006
\003\125\004\013\023\054\126\145\147\145\165\040\150\164\164\160
\163\072\057\057\167\167\167\056\143\141\164\143\145\162\164\056
\156\145\164\057\166\145\162\141\162\162\145\154\040\050\143\051
\060\063\061\065\060\063\006\003\125\004\013\023\054\112\145\162
\141\162\161\165\151\141\040\105\156\164\151\164\141\164\163\040
\144\145\040\103\145\162\164\151\146\151\143\141\143\151\157\040
\103\141\164\141\154\141\156\145\163\061\017\060\015\006\003\125
\004\003\023\006\105\103\055\101\103\103\060\202\001\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001
\017\000\060\202\001\012\002\202\001\001\000\263\042\307\117\342
\227\102\225\210\107\203\100\366\035\027\363\203\163\044\036\121
\363\230\212\303\222\270\377\100\220\005\160\207\140\311\000\251
\265\224\145\031\042\025\027\302\103\154\146\104\232\015\004\076
\071\157\245\113\172\252\143\267\212\104\235\331\143\221\204\146
\340\050\017\272\102\343\156\216\367\024\047\223\151\356\221\016
\243\137\016\261\353\146\242\162\117\022\023\206\145\172\076\333
\117\007\364\247\011\140\332\072\102\231\307\262\177\263\026\225
\034\307\371\064\265\224\205\325\231\136\240\110\240\176\347\027
\145\270\242\165\270\036\363\345\102\175\257\355\363\212\110\144
\135\202\024\223\330\300\344\377\263\120\162\362\166\366\263\135
\102\120\171\320\224\076\153\014\000\276\330\153\016\116\052\354
\076\322\314\202\242\030\145\063\023\167\236\232\135\032\023\330
\303\333\075\310\227\172\356\160\355\247\346\174\333\161\317\055
\224\142\337\155\326\365\070\276\077\245\205\012\031\270\250\330
\011\165\102\160\304\352\357\313\016\310\064\250\022\042\230\014
\270\023\224\266\113\354\360\320\220\347\047\002\003\001\000\001
\243\201\343\060\201\340\060\035\006\003\125\035\021\004\026\060
\024\201\022\145\143\137\141\143\143\100\143\141\164\143\145\162
\164\056\156\145\164\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004
\024\240\303\213\104\252\067\245\105\277\227\200\132\321\361\170
\242\233\351\135\215\060\177\006\003\125\035\040\004\170\060\166
\060\164\006\013\053\006\001\004\001\365\170\001\003\001\012\060
\145\060\054\006\010\053\006\001\005\005\007\002\001\026\040\150
\164\164\160\163\072\057\057\167\167\167\056\143\141\164\143\145
\162\164\056\156\145\164\057\166\145\162\141\162\162\145\154\060

```
\065\006\010\053\006\001\005\005\007\002\002\060\051\032\047\126
\145\147\145\165\040\150\164\164\160\163\072\057\057\167\167\167
\056\143\141\164\143\145\162\164\056\156\145\164\057\166\145\162
\141\162\162\145\154\040\060\015\006\011\052\206\110\206\367\015
\001\001\005\005\000\003\202\001\001\000\240\110\133\202\001\366
\115\110\270\071\125\065\234\200\172\123\231\325\132\377\261\161
\073\314\071\011\224\136\326\332\357\276\001\133\135\323\036\330
\375\175\117\315\240\101\340\064\223\277\313\342\206\234\067\222
\220\126\034\334\353\051\005\345\304\236\307\065\337\212\014\315
\305\041\103\351\252\210\345\065\300\031\102\143\132\002\136\244
\110\030\072\205\157\334\235\274\077\235\234\301\207\270\172\141
\010\351\167\013\177\160\253\172\335\331\227\054\144\036\205\277
\274\164\226\241\303\172\022\354\014\032\156\203\014\074\350\162
\106\237\373\110\325\136\227\346\261\241\370\344\357\106\045\224
\234\211\333\151\070\276\354\134\016\126\307\145\121\345\120\210
\210\277\102\325\053\075\345\371\272\236\056\263\312\364\163\222
\002\013\276\114\146\353\040\376\271\313\265\231\177\346\266\023
\372\312\113\115\331\356\123\106\006\073\306\116\255\223\132\201
\176\154\052\113\152\005\105\214\362\041\244\061\220\207\154\145
\234\235\245\140\225\072\122\177\365\321\253\010\156\363\356\133
\371\210\075\176\270\157\156\003\344\102
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER MULTILINE_OCTAL
```

```
\061\071\061\062\062\070\060\060\060\060\060\060\132
```

END

```
CKA_NSS_EMAIL_DISTRICT_AFTER MULTILINE_OCTAL
```

```
\062\062\060\070\063\061\060\060\060\060\060\060\132
```

END

```
# Trust for "EC-ACC"
```

```
# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu https://www.catcert.net/verarrel
(c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
```

```
# Serial Number:ee:2b:3d:eb:d4:21:de:14:a8:62:ac:04:f3:dd:c4:01
```

```
# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu
```

```
https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF
Q-0801176-I),C=ES
```

```
# Not Valid Before: Tue Jan 07 23:00:00 2003
```

```
# Not Valid After : Tue Jan 07 22:59:59 2031
```

```
# Fingerprint (SHA-256):
```

```
88:49:7F:01:60:2F:31:54:24:6A:E2:8C:4D:5A:EF:10:F1:D8:7E:BB:76:62:6F:4A:E0:B7:F9:5B:A7:96:87:99
```

```
# Fingerprint (SHA1): 28:90:3A:63:5B:52:80:FA:E6:77:4C:0B:6D:A7:D6:BA:A6:4A:F2:E8
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "EC-ACC"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```


\050\220\072\143\133\122\200\372\346\167\114\013\155\247\326\272

\246\112\362\350

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\353\365\235\051\015\141\371\102\037\174\302\272\155\343\025\011

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123

\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143

\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103

\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106

\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060

\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040

\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151

\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013

\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057

\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057

\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065

\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165

\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103

\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141

\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006

\105\103\055\101\103\103

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\356\053\075\353\324\041\336\024\250\142\254\004\363\335

\304\001

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Hellenic Academic and Research Institutions RootCA 2011"

#

Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR

Serial Number: 0 (0x0)

Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR

Not Valid Before: Tue Dec 06 13:49:52 2011

Not Valid After : Mon Dec 01 13:49:52 2031

Fingerprint (SHA-256):

BC:10:4F:15:A4:8B:E7:09:DC:A5:42:A7:E1:D4:B9:DF:6F:05:45:27:E8:02:EA:A9:2D:59:54:44:25:8A:FE:71

Fingerprint (SHA1): FE:45:65:9B:79:03:5B:98:A1:61:B5:51:2E:AC:DA:58:09:48:22:4D

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2011"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
\164\103\101\040\062\060\061\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
\164\103\101\040\062\060\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\061\060\202\003\031\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164\150
\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023\067
\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155\151
\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040\111
\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157\164
\103\101\040\062\060\061\061\060\036\027\015\061\061\061\062\060
\066\061\063\064\071\065\062\132\027\015\063\061\061\062\060\061
\061\063\064\071\065\062\132\060\201\225\061\013\060\011\006\003
\125\004\006\023\002\107\122\061\104\060\102\006\003\125\004\012
```

\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\103\145
\162\164\056\040\101\165\164\150\157\162\151\164\171\061\100\060
\076\006\003\125\004\003\023\067\110\145\154\154\145\156\151\143
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151
\157\156\163\040\122\157\157\164\103\101\040\062\060\061\061\060
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000
\251\123\000\343\056\246\366\216\372\140\330\055\225\076\370\054
\052\124\116\315\271\204\141\224\130\117\217\075\213\344\103\363
\165\211\215\121\344\303\067\322\212\210\115\171\036\267\022\335
\103\170\112\212\222\346\327\110\325\017\244\072\051\104\065\270
\007\366\150\035\125\315\070\121\360\214\044\061\205\257\203\311
\175\351\167\257\355\032\173\235\027\371\263\235\070\120\017\246
\132\171\221\200\257\067\256\246\323\061\373\265\046\011\235\074
\132\357\121\305\053\337\226\135\353\062\036\002\332\160\111\354
\156\014\310\232\067\215\367\361\066\140\113\046\054\202\236\320
\170\363\015\017\143\244\121\060\341\371\053\047\022\007\330\352
\275\030\142\230\260\131\067\175\276\356\363\040\121\102\132\203
\357\223\272\151\025\361\142\235\237\231\071\202\241\267\164\056
\213\324\305\013\173\057\360\310\012\332\075\171\012\232\223\034
\245\050\162\163\221\103\232\247\321\115\205\204\271\251\164\217
\024\100\307\334\336\254\101\144\154\264\031\233\002\143\155\044
\144\217\104\262\045\352\316\135\164\014\143\062\134\215\207\345
\002\003\001\000\001\243\201\211\060\201\206\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003
\125\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016
\004\026\004\024\246\221\102\375\023\141\112\043\236\010\244\051
\345\330\023\004\043\356\101\045\060\107\006\003\125\035\036\004
\100\060\076\240\074\060\005\202\003\056\147\162\060\005\202\003
\056\145\165\060\006\202\004\056\145\144\165\060\006\202\004\056
\157\162\147\060\005\201\003\056\147\162\060\005\201\003\056\145
\165\060\006\201\004\056\145\144\165\060\006\201\004\056\157\162
\147\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\037\357\171\101\341\173\156\077\262\214\206
\067\102\112\116\034\067\036\215\146\272\044\201\311\117\022\017
\041\300\003\227\206\045\155\135\323\042\051\250\154\242\015\251
\353\075\006\133\231\072\307\314\303\232\064\177\253\016\310\116
\034\341\372\344\334\315\015\276\277\044\376\154\347\153\302\015
\310\006\236\116\215\141\050\246\152\375\345\366\142\352\030\074
\116\240\123\235\262\072\234\353\245\234\221\026\266\115\202\340
\014\005\110\251\154\365\314\370\313\235\111\264\360\002\245\375
\160\003\355\212\041\245\256\023\206\111\303\063\163\276\207\073
\164\213\027\105\046\114\026\221\203\376\147\175\315\115\143\147
\372\363\003\022\226\170\006\215\261\147\355\216\077\276\237\117
\002\365\263\011\057\363\114\207\337\052\313\225\174\001\314\254

```
\066\172\277\242\163\172\367\217\301\265\232\241\024\262\217\063
\237\015\357\042\334\146\173\204\275\105\027\006\075\074\312\271
\167\064\217\312\352\317\077\061\076\343\210\343\200\111\045\310
\227\265\235\232\231\115\260\074\370\112\000\233\144\335\237\071
\113\321\047\327\270
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Hellenic Academic and Research Institutions RootCA 2011"
```

```
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research
Institutions Cert. Authority,C=GR
```

```
# Serial Number: 0 (0x0)
```

```
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research
Institutions Cert. Authority,C=GR
```

```
# Not Valid Before: Tue Dec 06 13:49:52 2011
```

```
# Not Valid After : Mon Dec 01 13:49:52 2031
```

```
# Fingerprint (SHA-256):
```

```
BC:10:4F:15:A4:8B:E7:09:DC:A5:42:A7:E1:D4:B9:DF:6F:05:45:27:E8:02:EA:A9:2D:59:54:44:25:8A:FE:71
```

```
# Fingerprint (SHA1): FE:45:65:9B:79:03:5B:98:A1:61:B5:51:2E:AC:DA:58:09:48:22:4D
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2011"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\376\105\145\233\171\003\133\230\241\141\265\121\056\254\332\130
\011\110\042\115
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\163\237\114\113\163\133\171\351\372\272\034\357\156\313\325\311
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
\164\103\101\040\062\060\061\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\000
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Actalis Authentication Root CA"

#

Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT

Serial Number:57:0a:11:97:42:c4:e3:cc

Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT

Not Valid Before: Thu Sep 22 11:22:02 2011

Not Valid After : Sun Sep 22 11:22:02 2030

Fingerprint (SHA-256):

55:92:60:84:EC:96:3A:64:B9:6E:2A:BE:01:CE:0B:A8:6A:64:FB:FE:BC:C7:AA:B5:AF:C1:55:B3:7F:D7:60:66

Fingerprint (SHA1): F3:73:B3:87:06:5A:28:84:8A:F2:F3:4A:CE:19:2B:DD:C7:8E:9C:AC

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Actalis Authentication Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\127\012\021\227\102\304\343\314

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\273\060\202\003\243\240\003\002\001\002\002\010\127
\012\021\227\102\304\343\314\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\153\061\013\060\011\006\003\125\004

\006\023\002\111\124\061\016\060\014\006\003\125\004\007\014\005
\115\151\154\141\156\061\043\060\041\006\003\125\004\012\014\032
\101\143\164\141\154\151\163\040\123\056\160\056\101\056\057\060
\063\063\065\070\065\062\060\071\066\067\061\047\060\045\006\003
\125\004\003\014\036\101\143\164\141\154\151\163\040\101\165\164
\150\145\156\164\151\143\141\164\151\157\156\040\122\157\157\164
\040\103\101\060\036\027\015\061\061\060\071\062\062\061\061\062
\062\060\062\132\027\015\063\060\060\071\062\062\061\061\062\062
\060\062\132\060\153\061\013\060\011\006\003\125\004\006\023\002
\111\124\061\016\060\014\006\003\125\004\007\014\005\115\151\154
\141\156\061\043\060\041\006\003\125\004\012\014\032\101\143\164
\141\154\151\163\040\123\056\160\056\101\056\057\060\063\063\065
\070\065\062\060\071\066\067\061\047\060\045\006\003\125\004\003
\014\036\101\143\164\141\154\151\163\040\101\165\164\150\145\156
\164\151\143\141\164\151\157\156\040\122\157\157\164\040\103\101
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\247\306\304\245\051\244\054\357\345\030\305\260\120\243\157
\121\073\237\012\132\311\302\110\070\012\302\034\240\030\177\221
\265\207\271\100\077\335\035\150\037\010\203\325\055\036\210\240
\370\217\126\217\155\231\002\222\220\026\325\137\010\154\211\327
\341\254\274\040\302\261\340\203\121\212\151\115\000\226\132\157
\057\300\104\176\243\016\344\221\315\130\356\334\373\307\036\105
\107\335\047\271\010\001\237\246\041\035\365\101\055\057\114\375
\050\255\340\212\255\042\264\126\145\216\206\124\217\223\103\051
\336\071\106\170\243\060\043\272\315\360\175\023\127\300\135\322
\203\153\110\114\304\253\237\200\132\133\072\275\311\247\042\077
\200\047\063\133\016\267\212\014\135\007\067\010\313\154\322\172
\107\042\104\065\305\314\314\056\216\335\052\355\267\175\146\015
\137\141\121\042\125\033\343\106\343\343\075\320\065\142\232\333
\257\024\310\133\241\314\211\033\341\060\046\374\240\233\037\201
\247\107\037\004\353\243\071\222\006\237\231\323\277\323\352\117
\120\234\031\376\226\207\036\074\145\366\243\030\044\203\206\020
\347\124\076\250\072\166\044\117\201\041\305\343\017\002\370\223
\224\107\040\273\376\324\016\323\150\271\335\304\172\204\202\343
\123\124\171\335\333\234\322\362\007\233\056\266\274\076\355\205
\155\357\045\021\362\227\032\102\141\367\112\227\350\213\261\020
\007\372\145\201\262\242\071\317\367\074\377\030\373\306\361\132
\213\131\342\002\254\173\222\320\116\024\117\131\105\366\014\136
\050\137\260\350\077\105\317\317\257\233\157\373\204\323\167\132
\225\157\254\224\204\236\356\274\300\112\217\112\223\370\104\041
\342\061\105\141\120\116\020\330\343\065\174\114\031\264\336\005
\277\243\006\237\310\265\315\344\037\327\027\006\015\172\225\164
\125\015\150\032\374\020\033\142\144\235\155\340\225\240\303\224
\007\127\015\024\346\275\005\373\270\237\346\337\213\342\306\347
\176\226\366\123\305\200\064\120\050\130\360\022\120\161\027\060
\272\346\170\143\274\364\262\255\233\053\262\376\341\071\214\136
\272\013\040\224\336\173\203\270\377\343\126\215\267\021\351\073

\214\362\261\301\135\235\244\013\114\053\331\262\030\365\265\237
\113\002\003\001\000\001\243\143\060\141\060\035\006\003\125\035
\016\004\026\004\024\122\330\210\072\310\237\170\146\355\211\363
\173\070\160\224\311\002\002\066\320\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035
\043\004\030\060\026\200\024\122\330\210\072\310\237\170\146\355
\211\363\173\070\160\224\311\002\002\066\320\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\013
\173\162\207\300\140\246\111\114\210\130\346\035\210\367\024\144
\110\246\330\130\012\016\117\023\065\337\065\035\324\355\006\061
\310\201\076\152\325\335\073\032\062\356\220\075\021\322\056\364
\216\303\143\056\043\146\260\147\276\157\266\300\023\071\140\252
\242\064\045\223\165\122\336\247\235\255\016\207\211\122\161\152
\026\074\031\035\203\370\232\051\145\276\364\077\232\331\360\363
\132\207\041\161\200\115\313\340\070\233\077\273\372\340\060\115
\317\206\323\145\020\031\030\321\227\002\261\053\162\102\150\254
\240\275\116\132\332\030\277\153\230\201\320\375\232\276\136\025
\110\315\021\025\271\300\051\134\264\350\210\367\076\066\256\267
\142\375\036\142\336\160\170\020\034\110\133\332\274\244\070\272
\147\355\125\076\136\127\337\324\003\100\114\201\244\322\117\143
\247\011\102\011\024\374\000\251\302\200\163\117\056\300\100\331
\021\173\110\352\172\002\300\323\353\050\001\046\130\164\301\300
\163\042\155\223\225\375\071\175\273\052\343\366\202\343\054\227
\137\116\037\221\224\372\376\054\243\330\166\032\270\115\262\070
\117\233\372\035\110\140\171\046\342\363\375\251\320\232\350\160
\217\111\172\326\345\275\012\016\333\055\363\215\277\353\343\244
\175\313\307\225\161\350\332\243\174\305\302\370\164\222\004\033
\206\254\244\042\123\100\266\254\376\114\166\317\373\224\062\300
\065\237\166\077\156\345\220\156\240\246\046\242\270\054\276\321
\053\205\375\247\150\310\272\001\053\261\154\164\035\270\163\225
\347\356\267\307\045\360\000\114\000\262\176\266\013\213\034\363
\300\120\236\045\271\340\010\336\066\146\377\067\245\321\273\124
\144\054\311\047\265\113\222\176\145\377\323\055\341\271\116\274
\177\244\101\041\220\101\167\246\071\037\352\236\343\237\320\146
\157\005\354\252\166\176\277\153\026\240\353\265\307\374\222\124
\057\053\021\047\045\067\170\114\121\152\260\363\314\130\135\024
\361\152\110\025\377\302\007\266\261\215\017\216\134\120\106\263
\075\277\001\230\117\262\131\124\107\076\064\173\170\155\126\223
\056\163\352\146\050\170\315\035\024\277\240\217\057\056\270\056
\216\362\024\212\314\351\265\174\373\154\235\014\245\341\226

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Actalis Authentication Root CA"

Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT

```

# Serial Number:57:0a:11:97:42:c4:e3:cc
# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Not Valid Before: Thu Sep 22 11:22:02 2011
# Not Valid After : Sun Sep 22 11:22:02 2030
# Fingerprint (SHA-256):
55:92:60:84:EC:96:3A:64:B9:6E:2A:BE:01:CE:0B:A8:6A:64:FB:FE:BC:C7:AA:B5:AF:C1:55:B3:7F:D7:60:66
# Fingerprint (SHA1): F3:73:B3:87:06:5A:28:84:8A:F2:F3:4A:CE:19:2B:DD:C7:8E:9C:AC
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\363\163\263\207\006\132\050\204\212\362\363\112\316\031\053\335
\307\216\234\254
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\151\301\015\117\007\243\033\303\376\126\075\004\274\021\366\246
END
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\127\012\021\227\102\304\343\314
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Buypass Class 2 Root CA"
#
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After : Fri Oct 26 08:38:03 2040
# Fingerprint (SHA-256):
9A:11:40:25:19:7C:5B:B9:5D:94:E6:3D:55:CD:43:79:08:47:B6:46:B2:3C:DF:11:AD:A4:A0:0E:FF:15:FB:48
# Fingerprint (SHA1): 49:0A:75:74:DE:87:0A:47:FE:58:EE:F6:C7:6B:EB:C6:0B:12:40:99
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```



```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Bypass Class 2 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\131\060\202\003\101\240\003\002\001\002\002\001\002
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040
\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101\060
\036\027\015\061\060\061\060\062\066\060\070\063\070\060\063\132
\027\015\064\060\061\060\062\066\060\070\063\070\060\063\132\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040
\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101\060
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000
\327\307\136\367\301\007\324\167\373\103\041\364\364\365\151\344
\356\062\001\333\243\206\037\344\131\015\272\347\165\203\122\353
\352\034\141\025\110\273\035\007\312\214\256\260\334\226\235\352
\303\140\222\206\202\050\163\234\126\006\377\113\144\360\014\052
\067\111\265\345\317\014\174\356\361\112\273\163\060\145\363\325
\057\203\266\176\343\347\365\236\253\140\371\323\361\235\222\164
\212\344\034\226\254\133\200\351\265\364\061\207\243\121\374\307
\176\241\157\216\123\167\324\227\301\125\063\222\076\030\057\165
```

\324\255\206\111\313\225\257\124\006\154\330\006\023\215\133\377
\341\046\031\131\300\044\272\201\161\171\220\104\120\150\044\224
\137\270\263\021\361\051\101\141\243\101\313\043\066\325\301\361
\062\120\020\116\177\364\206\223\354\204\323\216\274\113\277\134
\001\116\007\075\334\024\212\224\012\244\352\163\373\013\121\350
\023\007\030\372\016\361\053\321\124\025\175\074\341\367\264\031
\102\147\142\136\167\340\242\125\354\266\331\151\027\325\072\257
\104\355\112\305\236\344\172\047\174\345\165\327\252\313\045\347
\337\153\012\333\017\115\223\116\250\240\315\173\056\362\131\001
\152\267\015\270\007\201\176\213\070\033\070\346\012\127\231\075
\356\041\350\243\365\014\026\335\213\354\064\216\234\052\034\000
\025\027\215\150\203\322\160\237\030\010\315\021\150\325\311\153
\122\315\304\106\217\334\265\363\330\127\163\036\351\224\071\004
\277\323\336\070\336\264\123\354\151\034\242\176\304\217\344\033
\160\255\362\242\371\373\367\026\144\146\151\237\111\121\242\342
\025\030\147\006\112\177\325\154\265\115\263\063\340\141\353\135
\276\351\230\017\062\327\035\113\074\056\132\001\122\221\011\362
\337\352\215\330\006\100\143\252\021\344\376\303\067\236\024\122
\077\364\342\314\362\141\223\321\375\147\153\327\122\256\277\150
\253\100\103\240\127\065\123\170\360\123\370\141\102\007\144\306
\327\157\233\114\070\015\143\254\142\257\066\213\242\163\012\015
\365\041\275\164\252\115\352\162\003\111\333\307\137\035\142\143
\307\375\335\221\354\063\356\365\155\264\156\060\150\336\310\326
\046\260\165\136\173\264\007\040\230\241\166\062\270\115\154\117
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\311\200\167\340\142\222\202\365\106\234\363
\272\367\114\303\336\270\243\255\071\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110
\206\367\015\001\001\013\005\000\003\202\002\001\000\123\137\041
\365\272\260\072\122\071\054\222\260\154\000\311\357\316\040\357
\006\362\226\236\351\244\164\177\172\026\374\267\365\266\373\025
\033\077\253\246\300\162\135\020\261\161\356\274\117\343\255\254
\003\155\056\161\056\257\304\343\255\243\275\014\021\247\264\377
\112\262\173\020\020\037\247\127\101\262\300\256\364\054\131\326
\107\020\210\363\041\121\051\060\312\140\206\257\106\253\035\355
\072\133\260\224\336\104\343\101\010\242\301\354\035\326\375\117
\266\326\107\320\024\013\312\346\312\265\173\167\176\101\037\136
\203\307\266\214\071\226\260\077\226\201\101\157\140\220\342\350
\371\373\042\161\331\175\263\075\106\277\264\204\257\220\034\017
\217\022\152\257\357\356\036\172\256\002\112\212\027\053\166\376
\254\124\211\044\054\117\077\266\262\247\116\214\250\221\227\373
\051\306\173\134\055\271\313\146\266\267\250\133\022\121\205\265
\011\176\142\170\160\376\251\152\140\266\035\016\171\014\375\312
\352\044\200\162\303\227\077\362\167\253\103\042\012\307\353\266
\014\204\202\054\200\153\101\212\010\300\353\245\153\337\231\022
\313\212\325\136\200\014\221\340\046\010\066\110\305\372\070\021
\065\377\045\203\055\362\172\277\332\375\216\376\245\313\105\054

```
\037\304\210\123\256\167\016\331\232\166\305\216\054\035\243\272
\325\354\062\256\300\252\254\367\321\172\115\353\324\007\342\110
\367\042\216\260\244\237\152\316\216\262\262\140\364\243\042\320
\043\353\224\132\172\151\335\017\277\100\127\254\153\131\120\331
\243\231\341\156\376\215\001\171\047\043\025\336\222\235\173\011
\115\132\347\113\110\060\132\030\346\012\155\346\217\340\322\273
\346\337\174\156\041\202\301\150\071\115\264\230\130\146\142\314
\112\220\136\303\372\047\004\261\171\025\164\231\314\276\255\040
\336\046\140\034\353\126\121\246\243\352\344\243\077\247\377\141
\334\361\132\115\154\062\043\103\356\254\250\356\356\112\022\011
\074\135\161\302\276\171\372\302\207\150\035\013\375\134\151\314
\006\320\232\175\124\231\052\311\071\032\031\257\113\052\103\363
\143\135\132\130\342\057\343\035\344\251\326\320\012\320\236\277
\327\201\011\361\311\307\046\015\254\230\026\126\240
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Buypass Class 2 Root CA"
```

```
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
```

```
# Serial Number: 2 (0x2)
```

```
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
```

```
# Not Valid Before: Tue Oct 26 08:38:03 2010
```

```
# Not Valid After : Fri Oct 26 08:38:03 2040
```

```
# Fingerprint (SHA-256):
```

```
9A:11:40:25:19:7C:5B:B9:5D:94:E6:3D:55:CD:43:79:08:47:B6:46:B2:3C:DF:11:AD:A4:A0:0E:FF:15:FB:48
```

```
# Fingerprint (SHA1): 49:0A:75:74:DE:87:0A:47:FE:58:EE:F6:C7:6B:EB:C6:0B:12:40:99
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\111\012\165\164\336\207\012\107\376\130\356\366\307\153\353\306
\013\022\100\231
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\106\247\322\376\105\373\144\132\250\131\220\233\170\104\233\051
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```

\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Buypass Class 3 Root CA"
#
# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:28:58 2010
# Not Valid After : Fri Oct 26 08:28:58 2040
# Fingerprint (SHA-256):
ED:F7:EB:BC:A2:7A:2A:38:4D:38:7B:7D:40:10:C6:66:E2:ED:B4:84:3E:4C:29:B4:AE:1D:5B:93:32:E6:B2:4D
# Fingerprint (SHA1): DA:FA:F7:FA:66:84:EC:06:8F:14:50:BD:C7:C2:81:A5:BC:A9:64:57
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 3 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\131\060\202\003\101\240\003\002\001\002\002\001\002
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060

```

\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040
\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101\060
\036\027\015\061\060\061\060\062\066\060\070\062\070\065\070\132
\027\015\064\060\061\060\062\066\060\070\062\070\065\070\132\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040
\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101\060
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000
\245\332\012\225\026\120\343\225\362\136\235\166\061\006\062\172
\233\361\020\166\270\000\232\265\122\066\315\044\107\260\237\030
\144\274\232\366\372\325\171\330\220\142\114\042\057\336\070\075
\326\340\250\351\034\054\333\170\021\351\216\150\121\025\162\307
\363\063\207\344\240\135\013\134\340\127\007\052\060\365\315\304
\067\167\050\115\030\221\346\277\325\122\375\161\055\160\076\347
\306\304\212\343\360\050\013\364\166\230\241\213\207\125\262\072
\023\374\267\076\047\067\216\042\343\250\117\052\357\140\273\075
\267\071\303\016\001\107\231\135\022\117\333\103\372\127\241\355
\371\235\276\021\107\046\133\023\230\253\135\026\212\260\067\034
\127\235\105\377\210\226\066\277\273\312\007\173\157\207\143\327
\320\062\152\326\135\154\014\361\263\156\071\342\153\061\056\071
\000\047\024\336\070\300\354\031\146\206\022\350\235\162\026\023
\144\122\307\251\067\034\375\202\060\355\204\030\035\364\256\134
\377\160\023\000\353\261\365\063\172\113\326\125\370\005\215\113
\151\260\365\263\050\066\134\024\304\121\163\115\153\013\361\064
\007\333\027\071\327\334\050\173\153\365\237\363\056\301\117\027
\052\020\363\314\312\350\353\375\153\253\056\232\237\055\202\156
\004\324\122\001\223\055\075\206\374\176\374\337\357\102\035\246
\153\357\271\040\306\367\275\240\247\225\375\247\346\211\044\330
\314\214\064\154\342\043\057\331\022\032\041\271\125\221\157\013
\221\171\031\014\255\100\210\013\160\342\172\322\016\330\150\110
\273\202\023\071\020\130\351\330\052\007\306\022\333\130\333\322
\073\125\020\107\005\025\147\142\176\030\143\246\106\077\011\016
\124\062\136\277\015\142\172\047\357\200\350\333\331\113\006\132
\067\132\045\320\010\022\167\324\157\011\120\227\075\310\035\303
\337\214\105\060\126\306\323\144\253\146\363\300\136\226\234\303
\304\357\303\174\153\213\072\171\177\263\111\317\075\342\211\237
\240\060\113\205\271\234\224\044\171\217\175\153\251\105\150\017
\053\320\361\332\034\313\151\270\312\111\142\155\310\320\143\142
\335\140\017\130\252\217\241\274\005\245\146\242\317\033\166\262
\204\144\261\114\071\122\300\060\272\360\214\113\002\260\266\267
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\107\270\315\377\345\157\356\370\262\354\057
\116\016\371\045\260\216\074\153\303\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110

\206\367\015\001\001\013\005\000\003\202\002\001\000\000\040\043
\101\065\004\220\302\100\142\140\357\342\065\114\327\077\254\342
\064\220\270\241\157\166\372\026\026\244\110\067\054\351\220\302
\362\074\370\012\237\330\201\345\273\133\332\045\054\244\247\125
\161\044\062\366\310\013\362\274\152\370\223\254\262\007\302\137
\237\333\314\310\212\252\276\152\157\341\111\020\314\061\327\200
\273\273\310\330\242\016\144\127\352\242\365\302\251\061\025\322
\040\152\354\374\042\001\050\317\206\270\200\036\251\314\021\245
\074\362\026\263\107\235\374\322\200\041\304\313\320\107\160\101
\241\312\203\031\010\054\155\362\135\167\234\212\024\023\324\066
\034\222\360\345\006\067\334\246\346\220\233\070\217\134\153\033
\106\206\103\102\137\076\001\007\123\124\135\145\175\367\212\163
\241\232\124\132\037\051\103\024\047\302\205\017\265\210\173\032
\073\224\267\035\140\247\265\234\347\051\151\127\132\233\223\172
\103\060\033\003\327\142\310\100\246\252\374\144\344\112\327\221
\123\001\250\040\210\156\234\137\104\271\313\140\201\064\354\157
\323\175\332\110\137\353\264\220\274\055\251\034\013\254\034\325
\242\150\040\200\004\326\374\261\217\057\273\112\061\015\112\206
\034\353\342\066\051\046\365\332\330\304\362\165\141\317\176\256
\166\143\112\172\100\145\223\207\370\036\200\214\206\345\206\326
\217\016\374\123\054\140\350\026\141\032\242\076\103\173\315\071
\140\124\152\365\362\211\046\001\150\203\110\242\063\350\311\004
\221\262\021\064\021\076\352\320\103\031\037\003\223\220\014\377
\121\075\127\364\101\156\341\313\240\276\353\311\143\315\155\314
\344\370\066\252\150\235\355\275\135\227\160\104\015\266\016\065
\334\341\014\135\273\240\121\224\313\176\026\353\021\057\243\222
\105\310\114\161\331\274\311\231\122\127\106\057\120\317\275\065
\151\364\075\025\316\006\245\054\017\076\366\201\272\224\273\303
\273\277\145\170\322\206\171\377\111\073\032\203\014\360\336\170
\354\310\362\115\114\032\336\202\051\370\301\132\332\355\356\346
\047\136\350\105\320\235\034\121\250\150\253\104\343\320\213\152
\343\370\073\273\334\115\327\144\362\121\276\346\252\253\132\351
\061\356\006\274\163\277\023\142\012\237\307\271\227

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Buypass Class 3 Root CA"

Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO

Serial Number: 2 (0x2)

Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO

Not Valid Before: Tue Oct 26 08:28:58 2010

Not Valid After : Fri Oct 26 08:28:58 2040

Fingerprint (SHA-256):

ED:F7:EB:BC:A2:7A:2A:38:4D:38:7B:7D:40:10:C6:66:E2:ED:B4:84:3E:4C:29:B4:AE:1D:5B:93:32:E6:B2:4D

Fingerprint (SHA1): DA:FA:F7:FA:66:84:EC:06:8F:14:50:BD:C7:C2:81:A5:BC:A9:64:57

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 3 Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\332\372\367\372\146\204\354\006\217\024\120\275\307\302\201\245
\274\251\144\127
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\075\073\030\236\054\144\132\350\325\210\316\016\371\067\302\354
END
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "T-TeleSec GlobalRoot Class 3"
#
# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Not Valid Before: Wed Oct 01 10:29:56 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (SHA-256):
FD:73:DA:D3:1C:64:4F:F1:B4:3B:EF:0C:CD:DA:96:71:0B:9C:D9:87:5E:CA:7E:31:70:7A:F3:E9:6D:52:2B:BD
# Fingerprint (SHA1): 55:A6:72:3E:CB:F2:EC:CD:C3:23:74:70:19:9D:2A:BE:11:E3:81:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163

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\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\303\060\202\002\253\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163\164
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123
\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035
\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155\163
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045\060
\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123\145
\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154\141
\163\163\040\063\060\036\027\015\060\070\061\060\060\061\061\060
\062\071\065\066\132\027\015\063\063\061\060\060\061\062\063\065
\071\065\071\132\060\201\202\061\013\060\011\006\003\125\004\006
\023\002\104\105\061\053\060\051\006\003\125\004\012\014\042\124
\055\123\171\163\164\145\155\163\040\105\156\164\145\162\160\162
\151\163\145\040\123\145\162\166\151\143\145\163\040\107\155\142
\110\061\037\060\035\006\003\125\004\013\014\026\124\055\123\171
\163\164\145\155\163\040\124\162\165\163\164\040\103\145\156\164
\145\162\061\045\060\043\006\003\125\004\003\014\034\124\055\124
\145\154\145\123\145\143\040\107\154\157\142\141\154\122\157\157
\164\040\103\154\141\163\163\040\063\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\275\165\223\360\142\042
\157\044\256\340\172\166\254\175\275\331\044\325\270\267\374\315

\360\102\340\353\170\210\126\136\233\232\124\035\115\014\212\366
\323\317\160\364\122\265\330\223\004\343\106\206\161\101\112\053
\360\052\054\125\003\326\110\303\340\071\070\355\362\134\074\077
\104\274\223\075\141\253\116\315\015\276\360\040\047\130\016\104
\177\004\032\207\245\327\226\024\066\220\320\111\173\241\165\373
\032\153\163\261\370\316\251\011\054\362\123\325\303\024\104\270
\206\245\366\213\053\071\332\243\063\124\331\372\162\032\367\042
\025\034\210\221\153\177\146\345\303\152\200\260\044\363\337\206
\105\210\375\031\177\165\207\037\037\261\033\012\163\044\133\271
\145\340\054\124\310\140\323\146\027\077\341\314\124\063\163\221
\002\072\246\177\173\166\071\242\037\226\266\070\256\265\310\223
\164\035\236\271\264\345\140\235\057\126\321\340\353\136\133\114
\022\160\014\154\104\040\253\021\330\364\031\366\322\234\122\067
\347\372\266\302\061\073\112\324\024\231\255\307\032\365\135\137
\372\007\270\174\015\037\326\203\036\263\002\003\001\000\001\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\265
\003\367\166\073\141\202\152\022\252\030\123\353\003\041\224\277
\376\316\312\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\001\001\000\126\075\357\224\325\275\332\163\262
\130\276\256\220\255\230\047\227\376\001\261\260\122\000\270\115
\344\033\041\164\033\176\300\356\136\151\052\045\257\134\326\035
\332\322\171\311\363\227\051\340\206\207\336\004\131\017\361\131
\324\144\205\113\231\257\045\004\036\311\106\251\227\336\202\262
\033\160\237\234\366\257\161\061\335\173\005\245\054\323\271\312
\107\366\312\362\366\347\255\271\110\077\274\026\267\301\155\364
\352\011\257\354\363\265\347\005\236\246\036\212\123\121\326\223
\201\314\164\223\366\271\332\246\045\005\164\171\132\176\100\076
\202\113\046\021\060\156\341\077\101\307\107\000\065\325\365\323
\367\124\076\201\075\332\111\152\232\263\357\020\075\346\353\157
\321\310\042\107\313\314\317\001\061\222\331\030\343\042\276\011
\036\032\076\132\262\344\153\014\124\172\175\103\116\270\211\245
\173\327\242\075\226\206\314\362\046\064\055\152\222\235\232\032
\320\060\342\135\116\004\260\137\213\040\176\167\301\075\225\202
\321\106\232\073\074\170\270\157\241\320\015\144\242\170\036\051
\116\223\303\244\124\024\133

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "T-TeleSec GlobalRoot Class 3"

Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

Serial Number: 1 (0x1)

Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

```
# Not Valid Before: Wed Oct 01 10:29:56 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (SHA-256):
FD:73:DA:D3:1C:64:4F:F1:B4:3B:EF:0C:CD:DA:96:71:0B:9C:D9:87:5E:CA:7E:31:70:7A:F3:E9:6D:52:2B:BD
# Fingerprint (SHA1): 55:A6:72:3E:CB:F2:EC:CD:C3:23:74:70:19:9D:2A:BE:11:E3:81:D1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\125\246\162\076\313\362\354\315\303\043\164\160\031\235\052\276
\021\343\201\321
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\373\100\250\116\071\222\212\035\376\216\057\304\047\352\357
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root Class 3 CA 2 2009"
#
# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623603 (0x983f3)
# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:35:58 2009
# Not Valid After : Mon Nov 05 08:35:58 2029
# Fingerprint (SHA-256):
49:E7:A4:42:AC:F0:EA:62:87:05:00:54:B5:25:64:B6:50:E4:F4:9E:42:E3:48:D6:AA:38:E0:39:E9:57:B1:C1
# Fingerprint (SHA1): 58:E8:AB:B0:36:15:33:FB:80:F7:9B:1B:6D:29:D3:FF:8D:5F:00:F0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\063\060\202\003\033\240\003\002\001\002\002\003\011
\203\363\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165
\163\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003
\014\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103
\154\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
\060\036\027\015\060\071\061\061\060\065\060\070\063\065\065\070
\132\027\015\062\071\061\061\060\065\060\070\063\065\065\070\132
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071\060
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000
\323\262\112\317\172\107\357\165\233\043\372\072\057\326\120\105
\211\065\072\306\153\333\376\333\000\150\250\340\003\021\035\067
\120\010\237\115\112\150\224\065\263\123\321\224\143\247\040\126
\257\336\121\170\354\052\075\363\110\110\120\076\012\337\106\125
\213\047\155\303\020\115\015\221\122\103\330\207\340\135\116\066
\265\041\312\137\071\100\004\137\133\176\314\243\306\053\251\100
\036\331\066\204\326\110\363\222\036\064\106\040\044\301\244\121
\216\112\032\357\120\077\151\135\031\177\105\303\307\001\217\121
```

\311\043\350\162\256\264\274\126\011\177\022\313\034\261\257\051
\220\012\311\125\314\017\323\264\032\355\107\065\132\112\355\234
\163\004\041\320\252\275\014\023\265\000\312\046\154\304\153\014
\224\132\225\224\332\120\232\361\377\245\053\146\061\244\311\070
\240\337\035\037\270\011\056\363\247\350\147\122\253\225\037\340
\106\076\330\244\303\312\132\305\061\200\350\110\232\237\224\151
\376\031\335\330\163\174\201\312\226\336\216\355\263\062\005\145
\204\064\346\346\375\127\020\265\137\166\277\057\260\020\015\305
\002\003\001\000\001\243\202\001\032\060\202\001\026\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035
\006\003\125\035\016\004\026\004\024\375\332\024\304\237\060\336
\041\275\036\102\071\374\253\143\043\111\340\361\204\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201\323
\006\003\125\035\037\004\201\313\060\201\310\060\201\200\240\176
\240\174\206\172\154\144\141\160\072\057\057\144\151\162\145\143
\164\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164
\057\103\116\075\104\055\124\122\125\123\124\045\062\060\122\157
\157\164\045\062\060\103\154\141\163\163\045\062\060\063\045\062
\060\103\101\045\062\060\062\045\062\060\062\060\060\071\054\117
\075\104\055\124\162\165\163\164\045\062\060\107\155\142\110\054
\103\075\104\105\077\143\145\162\164\151\146\151\143\141\164\145
\162\145\166\157\143\141\164\151\157\156\154\151\163\164\060\103
\240\101\240\077\206\075\150\164\164\160\072\057\057\167\167\167
\056\144\055\164\162\165\163\164\056\156\145\164\057\143\162\154
\057\144\055\164\162\165\163\164\137\162\157\157\164\137\143\154
\141\163\163\137\063\137\143\141\137\062\137\062\060\060\071\056
\143\162\154\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\001\001\000\177\227\333\060\310\337\244\234\175
\041\172\200\160\316\024\022\151\210\024\225\140\104\001\254\262
\351\060\117\233\120\302\146\330\176\215\060\265\160\061\351\342
\151\307\363\160\333\040\025\206\320\015\360\276\254\001\165\204
\316\176\237\115\277\267\140\073\234\363\312\035\342\136\150\330
\243\235\227\345\100\140\322\066\041\376\320\264\270\027\332\164
\243\177\324\337\260\230\002\254\157\153\153\054\045\044\162\241
\145\356\045\132\345\346\062\347\362\337\253\111\372\363\220\151
\043\333\004\331\347\134\130\374\145\324\227\276\314\374\056\012
\314\045\052\065\004\370\140\221\025\165\075\101\377\043\037\031
\310\154\353\202\123\004\246\344\114\042\115\215\214\272\316\133
\163\354\144\124\120\155\321\234\125\373\151\303\066\303\214\274
\074\205\246\153\012\046\015\340\223\230\140\256\176\306\044\227
\212\141\137\221\216\146\222\011\207\066\315\213\233\055\076\366
\121\324\120\324\131\050\275\203\362\314\050\173\123\206\155\330
\046\210\160\327\352\221\315\076\271\312\300\220\156\132\306\136
\164\145\327\134\376\243\342

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

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# Trust for "D-TRUST Root Class 3 CA 2 2009"
# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623603 (0x983f3)
# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:35:58 2009
# Not Valid After : Mon Nov 05 08:35:58 2029
# Fingerprint (SHA-256):
49:E7:A4:42:AC:F0:EA:62:87:05:00:54:B5:25:64:B6:50:E4:F4:9E:42:E3:48:D6:AA:38:E0:39:E9:57:B1:C1
# Fingerprint (SHA1): 58:E8:AB:B0:36:15:33:FB:80:F7:9B:1B:6D:29:D3:FF:8D:5F:00:F0
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\350\253\260\066\025\063\373\200\367\233\033\155\051\323\377
\215\137\000\360
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\340\045\151\215\107\254\234\211\065\220\367\375\121\075\057
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root Class 3 CA 2 EV 2009"
#
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After : Mon Nov 05 08:50:46 2029
# Fingerprint (SHA-256):
EE:C5:49:6B:98:8C:E9:86:25:B9:34:09:2E:EC:29:08:BE:D0:B0:F3:16:C2:D4:73:0C:84:EA:F1:F3:D3:48:81
# Fingerprint (SHA1): 96:C9:1B:0B:95:B4:10:98:42:FA:D0:D8:22:79:FE:60:FA:B9:16:83

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CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\364
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\103\060\202\003\053\240\003\002\001\002\002\003\011
\203\364\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165
\163\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003
\014\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103
\154\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062
\060\060\071\060\036\027\015\060\071\061\061\060\065\060\070\065
\060\064\066\132\027\015\062\071\061\061\060\065\060\070\065\060
\064\066\132\060\120\061\013\060\011\006\003\125\004\006\023\002
\104\105\061\025\060\023\006\003\125\004\012\014\014\104\055\124
\162\165\163\164\040\107\155\142\110\061\052\060\050\006\003\125
\004\003\014\041\104\055\124\122\125\123\124\040\122\157\157\164
\040\103\154\141\163\163\040\063\040\103\101\040\062\040\105\126
\040\062\060\060\071\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\231\361\204\064\160\272\057\267\060\240
\216\275\174\004\317\276\142\274\231\375\202\227\322\172\012\147
\226\070\011\366\020\116\225\042\163\231\215\332\025\055\347\005
\374\031\163\042\267\216\230\000\274\074\075\254\241\154\373\326
\171\045\113\255\360\314\144\332\210\076\051\270\017\011\323\064
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\335\063\365\142\321\341\315\031\351\356\030\117\114\130\256\342
\036\326\014\133\025\132\330\072\270\304\030\144\036\343\063\262
\265\211\167\116\014\277\331\224\153\023\227\157\022\243\376\231
\251\004\314\025\354\140\150\066\355\010\173\267\365\277\223\355
\146\061\203\214\306\161\064\207\116\027\352\257\213\221\215\034
\126\101\256\042\067\136\067\362\035\331\321\055\015\057\151\121
\247\276\146\246\212\072\052\275\307\032\261\341\024\360\276\072
\035\271\317\133\261\152\376\264\261\106\040\242\373\036\073\160
\357\223\230\175\214\163\226\362\305\357\205\160\255\051\046\374
\036\004\076\034\240\330\017\313\122\203\142\174\356\213\123\225
\220\251\127\242\352\141\005\330\371\115\304\047\372\156\255\355
\371\327\121\367\153\245\002\003\001\000\001\243\202\001\044\060
\202\001\040\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\323
\224\212\114\142\023\052\031\056\314\257\162\212\175\066\327\232
\034\334\147\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\201\335\006\003\125\035\037\004\201\325\060\201
\322\060\201\207\240\201\204\240\201\201\206\177\154\144\141\160
\072\057\057\144\151\162\145\143\164\157\162\171\056\144\055\164
\162\165\163\164\056\156\145\164\057\103\116\075\104\055\124\122
\125\123\124\045\062\060\122\157\157\164\045\062\060\103\154\141
\163\163\045\062\060\063\045\062\060\103\101\045\062\060\062\045
\062\060\105\126\045\062\060\062\060\060\071\054\117\075\104\055
\124\162\165\163\164\045\062\060\107\155\142\110\054\103\075\104
\105\077\143\145\162\164\151\146\151\143\141\164\145\162\145\166
\157\143\141\164\151\157\156\154\151\163\164\060\106\240\104\240
\102\206\100\150\164\164\160\072\057\057\167\167\167\056\144\055
\164\162\165\163\164\056\156\145\164\057\143\162\154\057\144\055
\164\162\165\163\164\137\162\157\157\164\137\143\154\141\163\163
\137\063\137\143\141\137\062\137\145\166\137\062\060\060\071\056
\143\162\154\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\001\001\000\064\355\173\132\074\244\224\210\357
\032\021\165\007\057\263\376\074\372\036\121\046\353\207\366\051
\336\340\361\324\306\044\011\351\301\317\125\033\264\060\331\316
\032\376\006\121\246\025\244\055\357\262\113\277\040\050\045\111
\321\246\066\167\064\350\144\337\122\261\021\307\163\172\315\071
\236\302\255\214\161\041\362\132\153\257\337\074\116\125\257\262
\204\145\024\211\271\167\313\052\061\276\317\243\155\317\157\110
\224\062\106\157\347\161\214\240\246\204\031\067\007\362\003\105
\011\053\206\165\174\337\137\151\127\000\333\156\330\246\162\042
\113\120\324\165\230\126\337\267\030\377\103\103\120\256\172\104
\173\360\171\121\327\103\075\247\323\201\323\360\311\117\271\332
\306\227\206\320\202\303\344\102\155\376\260\342\144\116\016\046
\347\100\064\046\265\010\211\327\010\143\143\070\047\165\036\063
\352\156\250\335\237\231\117\164\115\201\211\200\113\335\232\227
\051\134\057\276\201\101\271\214\377\352\175\140\006\236\315\327
\075\323\056\243\025\274\250\346\046\345\157\303\334\270\003\041
\352\237\026\361\054\124\265

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "D-TRUST Root Class 3 CA 2 EV 2009"
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After : Mon Nov 05 08:50:46 2029
# Fingerprint (SHA-256):
EE:C5:49:6B:98:8C:E9:86:25:B9:34:09:2E:EC:29:08:BE:D0:B0:F3:16:C2:D4:73:0C:84:EA:F1:F3:D3:48:81
# Fingerprint (SHA1): 96:C9:1B:0B:95:B4:10:98:42:FA:D0:D8:22:79:FE:60:FA:B9:16:83
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\226\311\033\013\225\264\020\230\102\372\320\330\042\171\376\140
\372\271\026\203
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\306\103\054\136\055\315\304\064\300\120\117\021\002\117\266
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\364
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "CA Disig Root R2"
#
# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Serial Number:00:92:b8:88:db:b0:8a:c1:63
# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK

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# Not Valid Before: Thu Jul 19 09:15:30 2012
# Not Valid After : Sat Jul 19 09:15:30 2042
# Fingerprint (SHA-256):
E2:3D:4A:03:6D:7B:70:E9:F5:95:B1:42:20:79:D2:B9:1E:DF:BB:1F:B6:51:A0:63:3E:AA:8A:9D:C5:F8:07:03
# Fingerprint (SHA1): B5:61:EB:EA:A4:DE:E4:25:4B:69:1A:98:A5:57:47:C2:34:C7:D9:71
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA Disig Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\222\270\210\333\260\212\301\143
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\151\060\202\003\121\240\003\002\001\002\002\011\000
\222\270\210\333\260\212\301\143\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\060\122\061\013\060\011\006\003\125
\004\006\023\002\123\113\061\023\060\021\006\003\125\004\007\023
\012\102\162\141\164\151\163\154\141\166\141\061\023\060\021\006
\003\125\004\012\023\012\104\151\163\151\147\040\141\056\163\056
\061\031\060\027\006\003\125\004\003\023\020\103\101\040\104\151
\163\151\147\040\122\157\157\164\040\122\062\060\036\027\015\061
\062\060\067\061\071\060\071\061\065\063\060\132\027\015\064\062
\060\067\061\071\060\071\061\065\063\060\132\060\122\061\013\060
\011\006\003\125\004\006\023\002\123\113\061\023\060\021\006\003
\125\004\007\023\012\102\162\141\164\151\163\154\141\166\141\061
\023\060\021\006\003\125\004\012\023\012\104\151\163\151\147\040
\141\056\163\056\061\031\060\027\006\003\125\004\003\023\020\103
\101\040\104\151\163\151\147\040\122\157\157\164\040\122\062\060
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001
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\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000
\242\243\304\000\011\326\205\135\055\155\024\366\302\303\163\236
\065\302\161\125\176\201\373\253\106\120\340\301\174\111\170\346
\253\171\130\074\332\377\174\034\237\330\227\002\170\076\153\101
\004\351\101\275\276\003\054\105\366\057\144\324\253\135\243\107
\075\144\233\351\150\232\306\314\033\077\272\276\262\213\064\002
\056\230\125\031\374\214\157\252\137\332\114\316\115\003\041\243
\330\322\064\223\126\226\313\114\014\000\026\074\137\032\315\310
\307\154\246\255\323\061\247\274\350\345\341\146\326\322\373\003
\264\101\145\311\020\256\016\005\143\306\200\152\151\060\375\322
\356\220\357\015\047\337\237\225\163\364\341\045\332\154\026\336
\101\070\064\352\213\374\321\350\004\024\141\055\101\176\254\307
\167\116\313\121\124\373\136\222\030\033\004\132\150\306\311\304
\372\267\023\240\230\267\021\053\267\326\127\314\174\236\027\321
\313\045\376\206\116\044\056\126\014\170\115\236\001\022\246\053
\247\001\145\156\174\142\035\204\204\337\352\300\153\265\245\052
\225\203\303\123\021\014\163\035\013\262\106\220\321\102\072\316
\100\156\225\255\377\306\224\255\156\227\204\216\175\157\236\212
\200\015\111\155\163\342\173\222\036\303\363\301\363\353\056\005
\157\331\033\317\067\166\004\310\264\132\344\027\247\313\335\166
\037\320\031\166\350\054\005\263\326\234\064\330\226\334\141\207
\221\005\344\104\010\063\301\332\271\010\145\324\256\262\066\015
\353\272\070\272\014\345\233\236\353\215\146\335\231\317\326\211
\101\366\004\222\212\051\051\155\153\072\034\347\165\175\002\161
\016\363\300\347\275\313\031\335\235\140\262\302\146\140\266\261
\004\356\311\346\206\271\232\146\100\250\347\021\355\201\105\003
\213\366\147\131\350\301\006\021\275\335\317\200\002\117\145\100
\170\134\107\120\310\233\346\037\201\173\344\104\250\133\205\232
\342\336\132\325\307\371\072\104\146\113\344\062\124\174\344\154
\234\263\016\075\027\242\262\064\022\326\176\262\250\111\273\321
\172\050\100\276\242\026\037\337\344\067\037\021\163\373\220\012
\145\103\242\015\174\370\006\001\125\063\175\260\015\270\364\365
\256\245\102\127\174\066\021\214\173\136\304\003\235\214\171\235
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125\035
\016\004\026\004\024\265\231\370\257\260\224\365\343\040\326\012
\255\316\116\126\244\056\156\102\355\060\015\006\011\052\206\110
\206\367\015\001\001\013\005\000\003\202\002\001\000\046\006\136
\160\347\145\063\310\202\156\331\234\027\072\033\172\146\262\001
\366\170\073\151\136\057\352\377\116\371\050\303\230\052\141\114
\264\044\022\212\175\155\021\024\367\234\265\312\346\274\236\047
\216\114\031\310\251\275\172\300\327\066\016\155\205\162\156\250
\306\242\155\366\372\163\143\177\274\156\171\010\034\235\212\237
\032\212\123\246\330\273\331\065\125\261\021\305\251\003\263\126
\073\271\204\223\042\136\176\301\366\022\122\213\352\054\147\274
\376\066\114\365\270\317\321\263\111\222\073\323\051\016\231\033
\226\367\141\270\073\304\053\266\170\154\264\043\157\360\375\323

```
\262\136\165\037\231\225\250\254\366\332\341\305\061\173\373\321
\106\263\322\274\147\264\142\124\272\011\367\143\260\223\242\232
\371\351\122\056\213\140\022\253\374\365\140\126\357\020\134\213
\304\032\102\334\203\133\144\016\313\265\274\326\117\301\174\074
\156\215\023\155\373\173\353\060\320\334\115\257\305\325\266\245
\114\133\161\311\350\061\276\350\070\006\110\241\032\342\352\322
\336\022\071\130\032\377\200\016\202\165\346\267\311\007\154\016
\357\377\070\361\230\161\304\267\177\016\025\320\045\151\275\042
\235\053\355\005\366\106\107\254\355\300\360\324\073\342\354\356
\226\133\220\023\116\036\126\072\353\260\357\226\273\226\043\021
\272\362\103\206\164\144\225\310\050\165\337\035\065\272\322\067
\203\070\123\070\066\073\317\154\351\371\153\016\320\373\004\350
\117\167\327\145\001\170\206\014\172\076\041\142\361\177\143\161
\014\311\237\104\333\250\047\242\165\276\156\201\076\327\300\353
\033\230\017\160\134\064\262\212\314\300\205\030\353\156\172\263
\367\132\241\007\277\251\102\222\363\140\042\227\344\024\241\007
\233\116\166\300\216\175\375\244\045\307\107\355\377\037\163\254
\314\303\245\351\157\012\216\233\145\302\120\205\265\243\240\123
\022\314\125\207\141\363\201\256\020\106\141\275\104\041\270\302
\075\164\317\176\044\065\372\034\007\016\233\075\042\312\357\061
\057\214\254\022\275\357\100\050\374\051\147\237\262\023\117\146
\044\304\123\031\351\036\051\025\357\346\155\260\177\055\147\375
\363\154\033\165\106\243\345\112\027\351\244\327\013
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "CA Disig Root R2"
```

```
# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
```

```
# Serial Number:00:92:b8:88:db:b0:8a:c1:63
```

```
# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
```

```
# Not Valid Before: Thu Jul 19 09:15:30 2012
```

```
# Not Valid After : Sat Jul 19 09:15:30 2042
```

```
# Fingerprint (SHA-256):
```

```
E2:3D:4A:03:6D:7B:70:E9:F5:95:B1:42:20:79:D2:B9:1E:DF:BB:1F:B6:51:A0:63:3E:AA:8A:9D:C5:F8:07:03
```

```
# Fingerprint (SHA1): B5:61:EB:EA:A4:DE:E4:25:4B:69:1A:98:A5:57:47:C2:34:C7:D9:71
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "CA Disig Root R2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\265\141\353\352\244\336\344\045\113\151\032\230\245\127\107\302
\064\307\331\161
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\046\001\373\330\047\247\027\232\105\124\070\032\103\001\073\003
```

```

END
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\222\270\210\333\260\212\301\143
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ACCVRAIZ1"
#
# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Serial Number:5e:c3:b7:a6:43:7f:a4:e0
# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Not Valid Before: Thu May 05 09:37:37 2011
# Not Valid After : Tue Dec 31 09:37:37 2030
# Fingerprint (SHA-256):
9A:6E:C0:12:E1:A7:DA:9D:BE:34:19:4D:47:8A:D7:C0:DB:18:22:FB:07:1D:F1:29:81:49:6E:D1:04:38:41:13
# Fingerprint (SHA1): 93:05:7A:88:15:C6:4F:CE:88:2F:FA:91:16:52:28:78:BC:53:64:17
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACCVRAIZ1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123

```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\136\303\267\246\103\177\244\340

END

CKA_VALUE MULTILINE_OCTAL

\060\202\007\323\060\202\005\273\240\003\002\001\002\002\010\136
\303\267\246\103\177\244\340\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\102\061\022\060\020\006\003\125\004
\003\014\011\101\103\103\126\122\101\111\132\061\061\020\060\016
\006\003\125\004\013\014\007\120\113\111\101\103\103\126\061\015
\060\013\006\003\125\004\012\014\004\101\103\103\126\061\013\060
\011\006\003\125\004\006\023\002\105\123\060\036\027\015\061\061
\060\065\060\065\060\071\063\067\063\067\132\027\015\063\060\061
\062\063\061\060\071\063\067\063\067\132\060\102\061\022\060\020
\006\003\125\004\003\014\011\101\103\103\126\122\101\111\132\061
\061\020\060\016\006\003\125\004\013\014\007\120\113\111\101\103
\103\126\061\015\060\013\006\003\125\004\012\014\004\101\103\103
\126\061\013\060\011\006\003\125\004\006\023\002\105\123\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\233
\251\253\277\141\112\227\257\057\227\146\232\164\137\320\331\226
\375\317\342\344\146\357\037\037\107\063\302\104\243\337\232\336
\037\265\124\335\025\174\151\065\021\157\273\310\014\216\152\030
\036\330\217\331\026\274\020\110\066\134\360\143\263\220\132\134
\044\067\327\243\326\313\011\161\271\361\001\162\204\260\175\333
\115\200\315\374\323\157\311\370\332\266\016\202\322\105\205\250
\033\150\250\075\350\364\104\154\275\241\302\313\003\276\214\076
\023\000\204\337\112\110\300\343\042\012\350\351\067\247\030\114
\261\011\015\043\126\177\004\115\331\027\204\030\245\310\332\100
\224\163\353\316\016\127\074\003\201\072\235\012\241\127\103\151
\254\127\155\171\220\170\345\265\264\073\330\274\114\215\050\241
\247\243\247\272\002\116\045\321\052\256\355\256\003\042\270\153
\040\017\060\050\124\225\177\340\356\316\012\146\235\321\100\055
\156\042\257\235\032\301\005\031\322\157\300\362\237\370\173\263
\002\102\373\120\251\035\055\223\017\043\253\306\301\017\222\377
\320\242\025\365\123\011\161\034\377\105\023\204\346\046\136\370
\340\210\034\012\374\026\266\250\163\006\270\360\143\204\002\240
\306\132\354\347\164\337\160\256\243\203\045\352\326\307\227\207
\223\247\306\212\212\063\227\140\067\020\076\227\076\156\051\025
\326\241\017\321\210\054\022\237\157\252\244\306\102\353\101\242
\343\225\103\323\001\205\155\216\273\073\363\043\066\307\376\073
\340\241\045\007\110\253\311\211\164\377\010\217\200\277\300\226
\145\363\356\354\113\150\275\235\210\303\061\263\100\361\350\317
\366\070\273\234\344\321\177\324\345\130\233\174\372\324\363\016
\233\165\221\344\272\122\056\031\176\321\365\315\132\031\374\272
\006\366\373\122\250\113\231\004\335\370\371\264\213\120\243\116
\142\211\360\207\044\372\203\102\301\207\372\325\055\051\052\132
\161\172\144\152\327\047\140\143\015\333\316\111\365\215\037\220

\211\062\027\370\163\103\270\322\132\223\206\141\326\341\165\012
\352\171\146\166\210\117\161\353\004\045\326\012\132\172\223\345
\271\113\027\100\017\261\266\271\365\336\117\334\340\263\254\073
\021\160\140\204\112\103\156\231\040\300\051\161\012\300\145\002
\003\001\000\001\243\202\002\313\060\202\002\307\060\175\006\010
\053\006\001\005\005\007\001\001\004\161\060\157\060\114\006\010
\053\006\001\005\005\007\060\002\206\100\150\164\164\160\072\057
\057\167\167\167\056\141\143\143\166\056\145\163\057\146\151\154
\145\141\144\155\151\156\057\101\162\143\150\151\166\157\163\057
\143\145\162\164\151\146\151\143\141\144\157\163\057\162\141\151
\172\141\143\143\166\061\056\143\162\164\060\037\006\010\053\006
\001\005\005\007\060\001\206\023\150\164\164\160\072\057\057\157
\143\163\160\056\141\143\143\166\056\145\163\060\035\006\003\125
\035\016\004\026\004\024\322\207\264\343\337\067\047\223\125\366
\126\352\201\345\066\314\214\036\077\275\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125
\035\043\004\030\060\026\200\024\322\207\264\343\337\067\047\223
\125\366\126\352\201\345\066\314\214\036\077\275\060\202\001\163
\006\003\125\035\040\004\202\001\152\060\202\001\146\060\202\001
\142\006\004\125\035\040\000\060\202\001\130\060\202\001\042\006
\010\053\006\001\005\005\007\002\002\060\202\001\024\036\202\001
\020\000\101\000\165\000\164\000\157\000\162\000\151\000\144\000
\141\000\144\000\040\000\144\000\145\000\040\000\103\000\145\000
\162\000\164\000\151\000\146\000\151\000\143\000\141\000\143\000
\151\000\363\000\156\000\040\000\122\000\141\000\355\000\172\000
\040\000\144\000\145\000\040\000\154\000\141\000\040\000\101\000
\103\000\103\000\126\000\040\000\050\000\101\000\147\000\145\000
\156\000\143\000\151\000\141\000\040\000\144\000\145\000\040\000
\124\000\145\000\143\000\156\000\157\000\154\000\157\000\147\000
\355\000\141\000\040\000\171\000\040\000\103\000\145\000\162\000
\164\000\151\000\146\000\151\000\143\000\141\000\143\000\151\000
\363\000\156\000\040\000\105\000\154\000\145\000\143\000\164\000
\162\000\363\000\156\000\151\000\143\000\141\000\054\000\040\000
\103\000\111\000\106\000\040\000\121\000\064\000\066\000\060\000
\061\000\061\000\065\000\066\000\105\000\051\000\056\000\040\000
\103\000\120\000\123\000\040\000\145\000\156\000\040\000\150\000
\164\000\164\000\160\000\072\000\057\000\057\000\167\000\167\000
\167\000\056\000\141\000\143\000\143\000\166\000\056\000\145\000
\163\060\060\006\010\053\006\001\005\005\007\002\001\026\044\150
\164\164\160\072\057\057\167\167\167\056\141\143\143\166\056\145
\163\057\154\145\147\151\163\154\141\143\151\157\156\137\143\056
\150\164\155\060\125\006\003\125\035\037\004\116\060\114\060\112
\240\110\240\106\206\104\150\164\164\160\072\057\057\167\167\167
\056\141\143\143\166\056\145\163\057\146\151\154\145\141\144\155
\151\156\057\101\162\143\150\151\166\157\163\057\143\145\162\164
\151\146\151\143\141\144\157\163\057\162\141\151\172\141\143\143
\166\061\137\144\145\162\056\143\162\154\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\006\060\027\006\003\125\035

\021\004\020\060\016\201\014\141\143\143\166\100\141\143\143\166
\056\145\163\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\003\202\002\001\000\227\061\002\237\347\375\103\147\110
\104\024\344\051\207\355\114\050\146\320\217\065\332\115\141\267
\112\227\115\265\333\220\340\005\056\016\306\171\320\362\227\151
\017\275\004\107\331\276\333\265\051\332\233\331\256\251\231\325
\323\074\060\223\365\215\241\250\374\006\215\104\364\312\026\225
\174\063\334\142\213\250\067\370\047\330\011\055\033\357\310\024
\047\040\251\144\104\377\056\326\165\252\154\115\140\100\031\111
\103\124\143\332\342\314\272\146\345\117\104\172\133\331\152\201
\053\100\325\177\371\001\047\130\054\310\355\110\221\174\077\246
\000\317\304\051\163\021\066\336\206\031\076\235\356\031\212\033
\325\260\355\216\075\234\052\300\015\330\075\146\343\074\015\275
\325\224\134\342\342\247\065\033\004\000\366\077\132\215\352\103
\275\137\211\035\251\301\260\314\231\342\115\000\012\332\311\047
\133\347\023\220\134\344\365\063\242\125\155\334\340\011\115\057
\261\046\133\047\165\000\011\304\142\167\051\010\137\236\131\254
\266\176\255\237\124\060\042\003\301\036\161\144\376\371\070\012
\226\030\335\002\024\254\043\313\006\034\036\244\175\215\015\336
\047\101\350\255\332\025\267\260\043\335\053\250\323\332\045\207
\355\350\125\104\115\210\364\066\176\204\232\170\254\367\016\126
\111\016\326\063\045\326\204\120\102\154\040\022\035\052\325\276
\274\362\160\201\244\160\140\276\005\265\233\236\004\104\276\141
\043\254\351\245\044\214\021\200\224\132\242\242\271\111\322\301
\334\321\247\355\061\021\054\236\031\246\356\341\125\341\300\352
\317\015\204\344\027\267\242\174\245\336\125\045\006\356\314\300
\207\134\100\332\314\225\077\125\340\065\307\270\204\276\264\135
\315\172\203\001\162\356\207\346\137\035\256\265\205\306\046\337
\346\301\232\351\036\002\107\237\052\250\155\251\133\317\354\105
\167\177\230\047\232\062\135\052\343\204\356\305\230\146\057\226
\040\035\335\330\303\047\327\260\371\376\331\175\315\320\237\217
\013\024\130\121\237\057\213\303\070\055\336\350\217\326\215\207
\244\365\126\103\026\231\054\364\244\126\264\064\270\141\067\311
\302\130\200\033\240\227\241\374\131\215\351\021\366\321\017\113
\125\064\106\052\213\206\073

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "ACCVRAIZ1"

Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

Serial Number:5e:c3:b7:a6:43:7f:a4:e0

Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

Not Valid Before: Thu May 05 09:37:37 2011

Not Valid After : Tue Dec 31 09:37:37 2030

Fingerprint (SHA-256):

9A:6E:C0:12:E1:A7:DA:9D:BE:34:19:4D:47:8A:D7:C0:DB:18:22:FB:07:1D:F1:29:81:49:6E:D1:04:38:41:13

```

# Fingerprint (SHA1): 93:05:7A:88:15:C6:4F:CE:88:2F:FA:91:16:52:28:78:BC:53:64:17
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACCVRAIZ1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\223\005\172\210\025\306\117\316\210\057\372\221\026\122\050\170
\274\123\144\027
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\320\240\132\356\005\266\011\224\041\241\175\361\262\051\202\002
END
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\136\303\267\246\103\177\244\340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TWCA Global Root CA"
#
# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 3262 (0xcbe)
# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid Before: Wed Jun 27 06:28:33 2012
# Not Valid After : Tue Dec 31 15:59:59 2030
# Fingerprint (SHA-256):
59:76:90:07:F7:68:5D:0F:CD:50:87:2F:9F:95:D5:75:5A:5B:2B:45:7D:81:F3:69:2B:61:0A:98:67:2F:0E:1B
# Fingerprint (SHA1): 9C:BB:48:53:F6:A4:F6:D3:52:A4:E8:32:52:55:60:13:F5:AD:AF:65
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Global Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116

```


\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\002\014\276

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\101\060\202\003\051\240\003\002\001\002\002\002\014
\276\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101\060\036\027\015\061\062\060\066\062\067\060\066\062
\070\063\063\132\027\015\063\060\061\062\063\061\061\065\065\071
\065\071\132\060\121\061\013\060\011\006\003\125\004\006\023\002
\124\127\061\022\060\020\006\003\125\004\012\023\011\124\101\111
\127\101\116\055\103\101\061\020\060\016\006\003\125\004\013\023
\007\122\157\157\164\040\103\101\061\034\060\032\006\003\125\004
\003\023\023\124\127\103\101\040\107\154\157\142\141\154\040\122
\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\260\005\333\310\353\214\304\156\212
\041\357\216\115\234\161\012\037\122\160\355\155\202\234\227\305
\327\114\116\105\111\313\100\102\265\022\064\154\031\302\164\244
\061\137\205\002\227\354\103\063\012\123\322\234\214\216\267\270
\171\333\053\325\152\362\216\146\304\356\053\001\007\222\324\263
\320\002\337\120\366\125\257\146\016\313\340\107\140\057\053\062
\071\065\122\072\050\203\370\173\026\306\030\270\142\326\107\045
\221\316\360\031\022\115\255\143\365\323\077\165\137\051\360\241
\060\034\052\240\230\246\025\275\356\375\031\066\360\342\221\103
\217\372\312\326\020\047\111\114\357\335\301\361\205\160\233\312
\352\250\132\103\374\155\206\157\163\351\067\105\251\360\066\307
\314\210\165\036\273\154\006\377\233\153\076\027\354\141\252\161
\174\306\035\242\367\111\351\025\265\074\326\241\141\365\021\367
\005\157\035\375\021\276\320\060\007\302\051\260\011\116\046\334

\343\242\250\221\152\037\302\221\105\210\134\345\230\270\161\245
\025\031\311\174\165\021\314\160\164\117\055\233\035\221\104\375
\126\050\240\376\273\206\152\310\372\134\013\130\334\306\113\166
\310\253\042\331\163\017\245\364\132\002\211\077\117\236\042\202
\356\242\164\123\052\075\123\047\151\035\154\216\062\054\144\000
\046\143\141\066\116\243\106\267\077\175\263\055\254\155\220\242
\225\242\316\317\332\202\347\007\064\031\226\351\270\041\252\051
\176\246\070\276\216\051\112\041\146\171\037\263\303\265\011\147
\336\326\324\007\106\363\052\332\346\042\067\140\313\201\266\017
\240\017\351\310\225\177\277\125\221\005\172\317\075\025\300\157
\336\011\224\001\203\327\064\033\314\100\245\360\270\233\147\325
\230\221\073\247\204\170\225\046\244\132\010\370\053\164\264\000
\004\074\337\270\024\216\350\337\251\215\154\147\222\063\035\300
\267\322\354\222\310\276\011\277\054\051\005\157\002\153\236\357
\274\277\052\274\133\300\120\217\101\160\161\207\262\115\267\004
\251\204\243\062\257\256\356\153\027\213\262\261\376\154\341\220
\214\210\250\227\110\316\310\115\313\363\006\317\137\152\012\102
\261\036\036\167\057\216\240\346\222\016\006\374\005\042\322\046
\341\061\121\175\062\334\017\002\003\001\000\001\243\043\060\041
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\003\202\002\001\000\137\064\201\166\357\226\035\325\345\265\331
\002\143\204\026\301\256\240\160\121\247\367\114\107\065\310\013
\327\050\075\211\161\331\252\063\101\352\024\033\154\041\000\300
\154\102\031\176\237\151\133\040\102\337\242\322\332\304\174\227
\113\215\260\350\254\310\356\245\151\004\231\012\222\246\253\047
\056\032\115\201\277\204\324\160\036\255\107\376\375\112\235\063
\340\362\271\304\105\010\041\012\332\151\151\163\162\015\276\064
\376\224\213\255\303\036\065\327\242\203\357\345\070\307\245\205
\037\253\317\064\354\077\050\376\014\361\127\206\116\311\125\367
\034\324\330\245\175\006\172\157\325\337\020\337\201\116\041\145
\261\266\341\027\171\225\105\006\316\137\314\334\106\211\143\150
\104\215\223\364\144\160\240\075\235\050\005\303\071\160\270\142
\173\040\375\344\333\351\010\241\270\236\075\011\307\117\373\054
\370\223\166\101\336\122\340\341\127\322\235\003\274\167\236\376
\236\051\136\367\301\121\140\037\336\332\013\262\055\165\267\103
\110\223\347\366\171\306\204\135\200\131\140\224\374\170\230\217
\074\223\121\355\100\220\007\337\144\143\044\313\116\161\005\241
\327\224\032\210\062\361\042\164\042\256\245\246\330\022\151\114
\140\243\002\356\053\354\324\143\222\013\136\276\057\166\153\243
\266\046\274\217\003\330\012\362\114\144\106\275\071\142\345\226
\353\064\143\021\050\314\225\361\255\357\357\334\200\130\110\351
\113\270\352\145\254\351\374\200\265\265\310\105\371\254\301\237
\331\271\352\142\210\216\304\361\113\203\022\255\346\213\204\326
\236\302\353\203\030\237\152\273\033\044\140\063\160\314\354\367
\062\363\134\331\171\175\357\236\244\376\311\043\303\044\356\025
\222\261\075\221\117\046\206\275\146\163\044\023\352\244\256\143

```
\301\255\175\204\003\074\020\170\206\033\171\343\304\363\362\004
\225\040\256\043\202\304\263\072\000\142\277\346\066\044\341\127
\272\307\036\220\165\325\137\077\225\141\053\301\073\315\345\263
\150\141\320\106\046\251\041\122\151\055\353\056\307\353\167\316
\246\072\265\003\063\117\166\321\347\134\124\001\135\313\170\364
\311\014\277\317\022\216\027\055\043\150\224\347\253\376\251\262
\053\006\320\004\315
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Trust for "TWCA Global Root CA"

Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW

Serial Number: 3262 (0xcbe)

Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW

Not Valid Before: Wed Jun 27 06:28:33 2012

Not Valid After : Tue Dec 31 15:59:59 2030

Fingerprint (SHA-256):

59:76:90:07:F7:68:5D:0F:CD:50:87:2F:9F:95:D5:75:5A:5B:2B:45:7D:81:F3:69:2B:61:0A:98:67:2F:0E:1B

Fingerprint (SHA1): 9C:BB:48:53:F6:A4:F6:D3:52:A4:E8:32:52:55:60:13:F5:AD:AF:65

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TWCA Global Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\234\273\110\123\366\244\366\323\122\244\350\062\122\125\140\023
\365\255\257\145
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\371\003\176\317\346\236\074\163\172\052\220\007\151\377\053\226
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\002\014\276
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "TeliaSonera Root CA v1"
#
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Serial Number:00:95:be:16:a0:f7:2e:46:f1:7b:39:82:72:fa:8b:cd:96
# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Not Valid Before: Thu Oct 18 12:00:50 2007
# Not Valid After : Mon Oct 18 12:00:50 2032
# Fingerprint (SHA-256):
DD:69:36:FE:21:F8:F0:77:C1:23:A1:A5:21:C1:22:24:F7:22:55:B7:3E:03:A7:26:06:93:E8:A2:4B:0F:A3:89
# Fingerprint (SHA1): 43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372
\213\315\226
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\070\060\202\003\040\240\003\002\001\002\002\021\000
\225\276\026\240\367\056\106\361\173\071\202\162\372\213\315\226
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154\151
\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004\003
\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122\157
\157\164\040\103\101\040\166\061\060\036\027\015\060\067\061\060
\061\070\061\062\060\060\065\060\132\027\015\063\062\061\060\061
\070\061\062\060\060\065\060\132\060\067\061\024\060\022\006\003
\125\004\012\014\013\124\145\154\151\141\123\157\156\145\162\141
\061\037\060\035\006\003\125\004\003\014\026\124\145\154\151\141
\123\157\156\145\162\141\040\122\157\157\164\040\103\101\040\166
```

\061\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\302\276\353\047\360\041\243\363\151\046\125\176\235\305
\125\026\221\134\375\357\041\277\123\200\172\055\322\221\214\143
\061\360\354\044\360\303\245\322\162\174\020\155\364\067\267\345
\346\174\171\352\214\265\202\213\256\110\266\254\000\334\145\165
\354\052\115\137\301\207\365\040\145\053\201\250\107\076\211\043
\225\060\026\220\177\350\127\007\110\347\031\256\277\105\147\261
\067\033\006\052\376\336\371\254\175\203\373\136\272\344\217\227
\147\276\113\216\215\144\007\127\070\125\151\064\066\075\023\110
\357\117\342\323\146\036\244\317\032\267\136\066\063\324\264\006
\275\030\001\375\167\204\120\000\105\365\214\135\350\043\274\176
\376\065\341\355\120\173\251\060\215\031\323\011\216\150\147\135
\277\074\227\030\123\273\051\142\305\312\136\162\301\307\226\324
\333\055\240\264\037\151\003\354\352\342\120\361\014\074\360\254
\363\123\055\360\034\365\355\154\071\071\163\200\026\310\122\260
\043\315\340\076\334\335\074\107\240\273\065\212\342\230\150\213
\276\345\277\162\356\322\372\245\355\022\355\374\230\030\251\046
\166\334\050\113\020\040\034\323\177\026\167\055\355\157\200\367
\111\273\123\005\273\135\150\307\324\310\165\026\077\211\132\213
\367\027\107\324\114\361\322\211\171\076\115\075\230\250\141\336
\072\036\322\370\136\003\340\301\311\034\214\323\215\115\323\225
\066\263\067\137\143\143\233\063\024\360\055\046\153\123\174\211
\214\062\302\156\354\075\041\000\071\311\241\150\342\120\203\056
\260\072\053\363\066\240\254\057\344\157\141\302\121\011\071\076
\213\123\271\273\147\332\334\123\271\166\131\066\235\103\345\040
\340\075\062\140\205\042\121\267\307\063\273\335\025\057\244\170
\246\007\173\201\106\066\004\206\335\171\065\307\225\054\073\260
\243\027\065\345\163\037\264\134\131\357\332\352\020\145\173\172
\320\177\237\263\264\052\067\073\160\213\233\133\271\053\267\354
\262\121\022\227\123\051\132\324\360\022\020\334\117\002\273\022
\222\057\142\324\077\151\103\174\015\326\374\130\165\001\210\235
\130\026\113\336\272\220\377\107\001\211\006\152\366\137\262\220
\152\263\002\246\002\210\277\263\107\176\052\331\325\372\150\170
\065\115\002\003\001\000\001\243\077\060\075\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003
\125\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016
\004\026\004\024\360\217\131\070\000\263\365\217\232\226\014\325
\353\372\173\252\027\350\023\022\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\003\202\002\001\000\276\344\134\142
\116\044\364\014\010\377\360\323\014\150\344\223\111\042\077\104
\047\157\273\155\336\203\146\316\250\314\015\374\365\232\006\345
\167\024\221\353\235\101\173\231\052\204\345\377\374\041\301\135
\360\344\037\127\267\165\251\241\137\002\046\377\327\307\367\116
\336\117\370\367\034\106\300\172\117\100\054\042\065\360\031\261
\320\153\147\054\260\250\340\300\100\067\065\366\204\134\134\343
\257\102\170\376\247\311\015\120\352\015\204\166\366\121\357\203
\123\306\172\377\016\126\111\056\217\172\326\014\346\047\124\343

```
\115\012\140\162\142\315\221\007\326\245\277\310\231\153\355\304
\031\346\253\114\021\070\305\157\061\342\156\111\310\077\166\200
\046\003\046\051\340\066\366\366\040\123\343\027\160\064\027\235
\143\150\036\153\354\303\115\206\270\023\060\057\135\106\015\107
\103\325\033\252\131\016\271\134\215\006\110\255\164\207\137\307
\374\061\124\101\023\342\307\041\016\236\340\036\015\341\300\173
\103\205\220\305\212\130\306\145\012\170\127\362\306\043\017\001
\331\040\113\336\017\373\222\205\165\052\134\163\215\155\173\045
\221\312\356\105\256\006\113\000\314\323\261\131\120\332\072\210
\073\051\103\106\136\227\053\124\316\123\157\215\112\347\226\372
\277\161\016\102\213\174\375\050\240\320\110\312\332\304\201\114
\273\242\163\223\046\310\353\014\326\046\210\266\300\044\317\273
\275\133\353\165\175\351\010\216\206\063\054\171\167\011\151\245
\211\374\263\160\220\207\166\217\323\042\273\102\316\275\163\013
\040\046\052\320\233\075\160\036\044\154\315\207\166\251\027\226
\267\317\015\222\373\216\030\251\230\111\321\236\376\140\104\162
\041\271\031\355\302\365\061\361\071\110\210\220\044\165\124\026
\255\316\364\370\151\024\144\071\373\243\270\272\160\100\307\047
\034\277\304\126\123\372\143\145\320\363\034\016\026\365\153\206
\130\115\030\324\344\015\216\245\235\133\221\334\166\044\120\077
\306\052\373\331\267\234\265\326\346\320\331\350\031\213\025\161
\110\255\267\352\330\131\210\324\220\277\026\263\331\351\254\131
\141\124\310\034\272\312\301\312\341\271\040\114\217\072\223\211
\245\240\314\277\323\366\165\244\165\226\155\126
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "TeliaSonera Root CA v1"
```

```
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
```

```
# Serial Number:00:95:be:16:a0:f7:2e:46:f1:7b:39:82:72:fa:8b:cd:96
```

```
# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera
```

```
# Not Valid Before: Thu Oct 18 12:00:50 2007
```

```
# Not Valid After : Mon Oct 18 12:00:50 2032
```

```
# Fingerprint (SHA-256):
```

```
DD:69:36:FE:21:F8:F0:77:C1:23:A1:A5:21:C1:22:24:F7:22:55:B7:3E:03:A7:26:06:93:E8:A2:4B:0F:A3:89
```

```
# Fingerprint (SHA1): 43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
```

```
CKA_CERT_SHA1_HASH MULTILINE OCTAL
```

```
\103\023\273\226\361\325\206\233\301\116\152\222\366\317\366\064
```

```
\151\207\202\067
```

END

```
CKA_CERT_MD5_HASH MULTILINE OCTAL
```

\067\101\111\033\030\126\232\046\365\255\302\146\373\100\245\114

END

CKA_ISSUER MULTILINE_OCTAL

\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372
\213\315\226

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "E-Tugra Certification Authority"

#

Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR

Serial Number:6a:68:3e:9c:51:9b:cb:53

Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR

Not Valid Before: Tue Mar 05 12:09:48 2013

Not Valid After : Fri Mar 03 12:09:48 2023

Fingerprint (SHA-256):

B0:BF:D5:2B:B0:D7:D9:BD:92:BF:5D:4D:C1:3D:A2:55:C0:2C:54:2F:37:83:65:EA:89:39:11:F5:5E:55:F2:3C

Fingerprint (SHA1): 51:C6:E7:08:49:06:6E:F3:92:D4:5C:A0:0D:6D:A3:62:8F:C3:52:39

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "E-Tugra Certification Authority"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150

\157\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\152\150\076\234\121\233\313\123

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\113\060\202\004\063\240\003\002\001\002\002\010\152
\150\076\234\121\233\313\123\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\201\262\061\013\060\011\006\003\125
\004\006\023\002\124\122\061\017\060\015\006\003\125\004\007\014
\006\101\156\153\141\162\141\061\100\060\076\006\003\125\004\012
\014\067\105\055\124\165\304\237\162\141\040\105\102\107\040\102
\151\154\151\305\237\151\155\040\124\145\153\156\157\154\157\152
\151\154\145\162\151\040\166\145\040\110\151\172\155\145\164\154
\145\162\151\040\101\056\305\236\056\061\046\060\044\006\003\125
\004\013\014\035\105\055\124\165\147\162\141\040\123\145\162\164
\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145\172
\151\061\050\060\046\006\003\125\004\003\014\037\105\055\124\165
\147\162\141\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061
\063\060\063\060\065\061\062\060\071\064\070\132\027\015\062\063
\060\063\060\063\061\062\060\071\064\070\132\060\201\262\061\013
\060\011\006\003\125\004\006\023\002\124\122\061\017\060\015\006
\003\125\004\007\014\006\101\156\153\141\162\141\061\100\060\076
\006\003\125\004\012\014\067\105\055\124\165\304\237\162\141\040
\105\102\107\040\102\151\154\151\305\237\151\155\040\124\145\153
\156\157\154\157\152\151\154\145\162\151\040\166\145\040\110\151
\172\155\145\164\154\145\162\151\040\101\056\305\236\056\061\046
\060\044\006\003\125\004\013\014\035\105\055\124\165\147\162\141
\040\123\145\162\164\151\146\151\153\141\163\171\157\156\040\115
\145\162\153\145\172\151\061\050\060\046\006\003\125\004\003\014
\037\105\055\124\165\147\162\141\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171

\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\342\365\077\223\005\121\036\205\142\124\136\172\013\365\030
\007\203\256\176\257\174\367\324\212\153\245\143\103\071\271\113
\367\303\306\144\211\075\224\056\124\200\122\071\071\007\113\113
\335\205\007\166\207\314\277\057\225\114\314\175\247\075\274\107
\017\230\160\370\214\205\036\164\216\222\155\033\100\321\231\015
\273\165\156\310\251\153\232\300\204\061\257\312\103\313\353\053
\064\350\217\227\153\001\233\325\016\112\010\252\133\222\164\205
\103\323\200\256\241\210\133\256\263\352\136\313\026\232\167\104
\310\241\366\124\150\316\336\217\227\053\272\133\100\002\014\144
\027\300\265\223\315\341\361\023\146\316\014\171\357\321\221\050
\253\137\240\022\122\060\163\031\216\217\341\214\007\242\303\273
\112\360\352\037\025\250\356\045\314\244\106\370\033\042\357\263
\016\103\272\054\044\270\305\054\134\324\034\370\135\144\275\303
\223\136\050\247\077\047\361\216\036\323\052\120\005\243\125\331
\313\347\071\123\300\230\236\214\124\142\213\046\260\367\175\215
\174\344\306\236\146\102\125\202\107\347\262\130\215\146\367\007
\174\056\066\346\120\034\077\333\103\044\305\277\206\107\171\263
\171\034\367\132\364\023\354\154\370\077\342\131\037\225\356\102
\076\271\255\250\062\205\111\227\106\376\113\061\217\132\313\255
\164\107\037\351\221\267\337\050\004\042\240\324\017\135\342\171
\117\352\154\205\206\275\250\246\316\344\372\303\341\263\256\336
\074\121\356\313\023\174\001\177\204\016\135\121\224\236\023\014
\266\056\245\114\371\071\160\066\157\226\312\056\014\104\125\305
\312\372\135\002\243\337\326\144\214\132\263\001\012\251\265\012
\107\027\377\357\221\100\052\216\241\106\072\061\230\345\021\374
\314\273\111\126\212\374\271\320\141\232\157\145\154\346\303\313
\076\165\111\376\217\247\342\211\305\147\327\235\106\023\116\061
\166\073\044\263\236\021\145\206\253\177\357\035\324\370\274\347
\254\132\134\267\132\107\134\125\316\125\264\042\161\133\133\013
\360\317\334\240\141\144\352\251\327\150\012\143\247\340\015\077
\240\257\323\252\322\176\357\121\240\346\121\053\125\222\025\027
\123\313\267\146\016\146\114\370\371\165\114\220\347\022\160\307
\105\002\003\001\000\001\243\143\060\141\060\035\006\003\125\035
\016\004\026\004\024\056\343\333\262\111\320\234\124\171\134\372
\047\052\376\314\116\322\350\116\124\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035
\043\004\030\060\026\200\024\056\343\333\262\111\320\234\124\171
\134\372\047\052\376\314\116\322\350\116\124\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\005
\067\072\364\115\267\105\342\105\165\044\217\266\167\122\350\034
\330\020\223\145\363\362\131\006\244\076\036\051\354\135\321\320
\253\174\340\012\220\110\170\355\116\230\003\231\376\050\140\221
\035\060\035\270\143\174\250\346\065\265\372\323\141\166\346\326
\007\113\312\151\232\262\204\172\167\223\105\027\025\237\044\320
\230\023\022\377\273\240\056\375\116\114\207\370\316\134\252\230

\033\005\340\000\106\112\202\200\245\063\213\050\334\355\070\323
\337\345\076\351\376\373\131\335\141\204\117\322\124\226\023\141
\023\076\217\200\151\276\223\107\265\065\103\322\132\273\075\134
\357\263\102\107\315\073\125\023\006\260\011\333\375\143\366\072
\210\012\231\157\176\341\316\033\123\152\104\146\043\121\010\173
\274\133\122\242\375\006\067\070\100\141\217\112\226\270\220\067
\370\146\307\170\220\000\025\056\213\255\121\065\123\007\250\153
\150\256\371\116\074\007\046\315\010\005\160\314\071\077\166\275
\245\323\147\046\001\206\246\123\322\140\073\174\103\177\125\212
\274\225\032\301\050\071\114\037\103\322\221\364\162\131\212\271
\126\374\077\264\235\332\160\234\166\132\214\103\120\356\216\060
\162\115\337\377\111\367\306\251\147\331\155\254\002\021\342\072
\026\045\247\130\010\313\157\123\101\234\110\070\107\150\063\321
\327\307\217\324\164\041\324\303\005\220\172\377\316\226\210\261
\025\051\135\043\253\320\140\241\022\117\336\364\027\315\062\345
\311\277\310\103\255\375\056\216\361\257\342\364\230\372\022\037
\040\330\300\247\014\205\305\220\364\073\055\226\046\261\054\276
\114\253\353\261\322\212\311\333\170\023\017\036\011\235\155\217
\000\237\002\332\301\372\037\172\172\011\304\112\346\210\052\227
\237\211\213\375\067\137\137\072\316\070\131\206\113\257\161\013
\264\330\362\160\117\237\062\023\343\260\247\127\345\332\332\103
\313\204\064\362\050\304\352\155\364\052\357\301\153\166\332\373
\176\273\205\074\322\123\302\115\276\161\341\105\321\375\043\147
\015\023\165\373\317\145\147\042\235\256\260\011\321\011\377\035
\064\277\376\043\227\067\322\071\372\075\015\006\013\264\333\073
\243\253\157\134\035\266\176\350\263\202\064\355\006\134\044

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "E-Tugra Certification Authority"

Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR

Serial Number:6a:68:3e:9c:51:9b:cb:53

Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR

Not Valid Before: Tue Mar 05 12:09:48 2013

Not Valid After : Fri Mar 03 12:09:48 2023

Fingerprint (SHA-256):

B0:BF:D5:2B:B0:D7:D9:BD:92:BF:5D:4D:C1:3D:A2:55:C0:2C:54:2F:37:83:65:EA:89:39:11:F5:5E:55:F2:3C

Fingerprint (SHA1): 51:C6:E7:08:49:06:6E:F3:92:D4:5C:A0:0D:6D:A3:62:8F:C3:52:39

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "E-Tugra Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE OCTAL

\121\306\347\010\111\006\156\363\222\324\134\240\015\155\243\142

\217\303\122\071

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\270\241\003\143\260\275\041\161\160\212\157\023\072\273\171\111

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122

\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162

\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165

\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151

\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040

\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056

\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055

\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163

\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006

\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145

\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150

\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\152\150\076\234\121\233\313\123

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "T-TeleSec GlobalRoot Class 2"

#

Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

Serial Number: 1 (0x1)

Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

Not Valid Before: Wed Oct 01 10:40:14 2008

Not Valid After : Sat Oct 01 23:59:59 2033

Fingerprint (SHA-256):

91:E2:F5:78:8D:58:10:EB:A7:BA:58:73:7D:E1:54:8A:8E:CA:CD:01:45:98:BC:0B:14:3E:04:1B:17:05:25:52

Fingerprint (SHA1): 59:0D:2D:7D:88:4F:40:2E:61:7E:A5:62:32:17:65:CF:17:D8:94:E9

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\303\060\202\002\253\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163\164
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123
\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035
\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155\163
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045\060
\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123\145
\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154\141
\163\163\040\062\060\036\027\015\060\070\061\060\060\061\061\060
\064\060\061\064\132\027\015\063\063\061\060\060\061\062\063\065
\071\065\071\132\060\201\202\061\013\060\011\006\003\125\004\006
\023\002\104\105\061\053\060\051\006\003\125\004\012\014\042\124
\055\123\171\163\164\145\155\163\040\105\156\164\145\162\160\162
\151\163\145\040\123\145\162\166\151\143\145\163\040\107\155\142
\110\061\037\060\035\006\003\125\004\013\014\026\124\055\123\171
\163\164\145\155\163\040\124\162\165\163\164\040\103\145\156\164
\145\162\061\045\060\043\006\003\125\004\003\014\034\124\055\124
\145\154\145\123\145\143\040\107\154\157\142\141\154\122\157\157
\164\040\103\154\141\163\163\040\062\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017

\000\060\202\001\012\002\202\001\001\000\252\137\332\033\137\350
\163\221\345\332\134\364\242\346\107\345\363\150\125\140\005\035
\002\244\263\233\131\363\036\212\257\064\255\374\015\302\331\110
\031\356\151\217\311\040\374\041\252\007\031\355\260\134\254\145
\307\137\355\002\174\173\174\055\033\326\272\271\200\302\030\202
\026\204\372\146\260\010\306\124\043\201\344\315\271\111\077\366
\117\156\067\110\050\070\017\305\276\347\150\160\375\071\227\115
\322\307\230\221\120\252\304\104\263\043\175\071\107\351\122\142
\326\022\223\136\267\061\226\102\005\373\166\247\036\243\365\302
\374\351\172\305\154\251\161\117\352\313\170\274\140\257\307\336
\364\331\313\276\176\063\245\156\224\203\360\064\372\041\253\352
\216\162\240\077\244\336\060\133\357\206\115\152\225\133\103\104
\250\020\025\034\345\001\127\305\230\361\346\006\050\221\252\040
\305\267\123\046\121\103\262\013\021\225\130\341\300\017\166\331
\300\215\174\201\363\162\160\236\157\376\032\216\331\137\065\306
\262\157\064\174\276\110\117\342\132\071\327\330\235\170\236\237
\206\076\003\136\031\213\104\242\325\307\002\003\001\000\001\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\277
\131\040\066\000\171\240\240\042\153\214\325\362\141\322\270\054
\313\202\112\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\001\001\000\061\003\242\141\013\037\164\350\162
\066\306\155\371\115\236\372\042\250\341\201\126\317\315\273\237
\352\253\221\031\070\257\252\174\025\115\363\266\243\215\245\364
\216\366\104\251\247\350\041\225\255\076\000\142\026\210\360\002
\272\374\141\043\346\063\233\060\172\153\066\142\173\255\004\043
\204\130\145\342\333\053\212\347\045\123\067\142\123\137\274\332
\001\142\051\242\246\047\161\346\072\042\176\301\157\035\225\160
\040\112\007\064\337\352\377\025\200\345\272\327\172\330\133\165
\174\005\172\051\107\176\100\250\061\023\167\315\100\073\264\121
\107\172\056\021\343\107\021\336\235\146\320\213\325\124\146\372
\203\125\352\174\302\051\211\033\351\157\263\316\342\005\204\311
\057\076\170\205\142\156\311\137\301\170\143\164\130\300\110\030
\014\231\071\353\244\314\032\265\171\132\215\025\234\330\024\015
\366\172\007\127\307\042\203\005\055\074\233\045\046\075\030\263
\251\103\174\310\310\253\144\217\016\243\277\234\033\235\060\333
\332\320\031\056\252\074\361\373\063\200\166\344\315\255\031\117
\005\047\216\023\241\156\302

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "T-TeleSec GlobalRoot Class 2"

Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE

Serial Number: 1 (0x1)

```
# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Not Valid Before: Wed Oct 01 10:40:14 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (SHA-256):
91:E2:F5:78:8D:58:10:EB:A7:BA:58:73:7D:E1:54:8A:8E:CA:CD:01:45:98:BC:0B:14:3E:04:1B:17:05:25:52
# Fingerprint (SHA1): 59:0D:2D:7D:88:4F:40:2E:61:7E:A5:62:32:17:65:CF:17:D8:94:E9
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\131\015\055\175\210\117\100\056\141\176\245\142\062\027\145\317
\027\330\224\351
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\053\233\236\344\173\154\037\000\162\032\314\301\167\171\337\152
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Atos TrustedRoot 2011"
#
# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Serial Number:5c:33:cb:62:2c:5f:b3:32
# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Not Valid Before: Thu Jul 07 14:58:30 2011
# Not Valid After : Tue Dec 31 23:59:59 2030
# Fingerprint (SHA-256):
F3:56:BE:A2:44:B7:A9:1E:B3:5D:53:CA:9A:D7:86:4A:CE:01:8E:2D:35:D5:F8:F9:6D:DF:68:A6:F4:1A:A4:74
```

Fingerprint (SHA1): 2B:B1:F5:3E:55:0C:1D:C5:F1:D4:E6:B7:6A:46:4B:55:06:02:AC:21

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Atos TrustedRoot 2011"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\134\063\313\142\054\137\263\062

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\167\060\202\002\137\240\003\002\001\002\002\010\134
\063\313\142\054\137\263\062\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\074\061\036\060\034\006\003\125\004
\003\014\025\101\164\157\163\040\124\162\165\163\164\145\144\122
\157\157\164\040\062\060\061\061\061\015\060\013\006\003\125\004
\012\014\004\101\164\157\163\061\013\060\011\006\003\125\004\006
\023\002\104\105\060\036\027\015\061\061\060\067\060\067\061\064
\065\070\063\060\132\027\015\063\060\061\062\063\061\062\063\065
\071\065\071\132\060\074\061\036\060\034\006\003\125\004\003\014
\025\101\164\157\163\040\124\162\165\163\164\145\144\122\157\157
\164\040\062\060\061\061\061\015\060\013\006\003\125\004\012\014
\004\101\164\157\163\061\013\060\011\006\003\125\004\006\023\002
\104\105\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\225\205\073\227\157\052\073\056\073\317\246\363\051
\065\276\317\030\254\076\252\331\370\115\240\076\032\107\271\274
\232\337\362\376\314\076\107\350\172\226\302\044\216\065\364\251
\014\374\202\375\155\301\162\142\047\275\352\153\353\347\212\314
\124\076\220\120\317\200\324\225\373\350\265\202\324\024\305\266
\251\125\045\127\333\261\120\366\260\140\144\131\172\151\317\003
\267\157\015\276\312\076\157\164\162\352\252\060\052\163\142\276
\111\221\141\310\021\376\016\003\052\367\152\040\334\002\025\015
\136\025\152\374\343\202\301\265\305\235\144\011\154\243\131\230
\007\047\307\033\226\053\141\164\161\154\103\361\367\065\211\020

\340\236\354\125\241\067\042\242\207\004\005\054\107\175\264\034
\271\142\051\146\050\312\267\341\223\365\244\224\003\231\271\160
\205\265\346\110\352\215\120\374\331\336\314\157\007\016\335\013
\162\235\200\060\026\007\225\077\050\016\375\305\165\117\123\326
\164\232\264\044\056\216\002\221\317\166\305\233\036\125\164\234
\170\041\261\360\055\361\013\237\302\325\226\030\037\360\124\042
\172\214\007\002\003\001\000\001\243\175\060\173\060\035\006\003
\125\035\016\004\026\004\024\247\245\006\261\054\246\011\140\356
\321\227\351\160\256\274\073\031\154\333\041\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003
\125\035\043\004\030\060\026\200\024\247\245\006\261\054\246\011
\140\356\321\227\351\160\256\274\073\031\154\333\041\060\030\006
\003\125\035\040\004\021\060\017\060\015\006\013\053\006\001\004
\001\260\055\003\004\001\001\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\003\202\001\001\000\046\167\064\333\224
\110\206\052\101\235\054\076\006\220\140\304\214\254\013\124\270
\037\271\173\323\007\071\344\372\076\173\262\075\116\355\237\043
\275\227\363\153\134\357\356\375\100\246\337\241\223\241\012\206
\254\357\040\320\171\001\275\170\367\031\330\044\061\064\004\001
\246\272\025\232\303\047\334\330\117\017\314\030\143\377\231\017
\016\221\153\165\026\341\041\374\330\046\307\107\267\246\317\130
\162\161\176\272\341\115\225\107\073\311\257\155\241\264\301\354
\211\366\264\017\070\265\342\144\334\045\317\246\333\353\232\134
\231\241\305\010\336\375\346\332\325\326\132\105\014\304\267\302
\265\024\357\264\021\377\016\025\265\365\365\333\306\275\353\132
\247\360\126\042\251\074\145\124\306\025\250\275\206\236\315\203
\226\150\172\161\201\211\341\013\341\352\021\033\150\010\314\151
\236\354\236\101\236\104\062\046\172\342\207\012\161\075\353\344
\132\244\322\333\305\315\306\336\140\177\271\363\117\104\222\357
\052\267\030\076\247\031\331\013\175\261\067\101\102\260\272\140
\035\362\376\011\021\260\360\207\173\247\235

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Atos TrustedRoot 2011"

Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011

Serial Number:5c:33:cb:62:2c:5f:b3:32

Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011

Not Valid Before: Thu Jul 07 14:58:30 2011

Not Valid After : Tue Dec 31 23:59:59 2030

Fingerprint (SHA-256):

F3:56:BE:A2:44:B7:A9:1E:B3:5D:53:CA:9A:D7:86:4A:CE:01:8E:2D:35:D5:F8:F9:6D:DF:68:A6:F4:1A:A4:74

Fingerprint (SHA1): 2B:B1:F5:3E:55:0C:1D:C5:F1:D4:E6:B7:6A:46:4B:55:06:02:AC:21

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE


```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Atos TrustedRoot 2011"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\053\261\365\076\125\014\035\305\361\324\346\267\152\106\113\125
\006\002\254\041
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\256\271\304\062\113\254\177\135\146\314\167\224\273\052\167\126
END
CKA_ISSUER MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\134\063\313\142\054\137\263\062
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 1 G3"
#
# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Serial Number:78:58:5f:2e:ad:2c:19:4b:e3:37:07:35:34:13:28:b5:96:d4:65:93
# Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 17:27:44 2012
# Not Valid After : Sun Jan 12 17:27:44 2042
# Fingerprint (SHA-256):
8A:86:6F:D1:B2:76:B5:7E:57:8E:92:1C:65:82:8A:2B:ED:58:E9:F2:F2:88:05:41:34:B7:F1:F4:BF:C9:CC:74
# Fingerprint (SHA1): 1B:8E:EA:57:96:29:1A:C9:39:EA:B8:0A:81:1A:73:73:C0:93:79:67
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063
END

```

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023
\050\265\226\324\145\223

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\170
\130\137\056\255\054\031\113\343\067\007\065\064\023\050\265\226
\324\145\223\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\061\040\107\063\060\036\027\015
\061\062\060\061\061\062\061\067\062\067\064\064\132\027\015\064
\062\060\061\061\062\061\067\062\067\064\064\132\060\110\061\013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\061\040\107\063\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\240\276\120\020\216\351\362\154\100
\264\004\234\205\271\061\312\334\055\344\021\251\004\074\033\125
\301\347\130\060\035\044\264\303\357\205\336\214\054\341\301\075
\337\202\346\117\255\107\207\154\354\133\111\301\112\325\273\217
\354\207\254\177\202\232\206\354\075\003\231\122\001\322\065\236
\254\332\360\123\311\146\074\324\254\002\001\332\044\323\073\250
\002\106\257\244\034\343\370\163\130\166\267\366\016\220\015\265
\360\317\314\372\371\306\114\345\303\206\060\012\215\027\176\065
\353\305\337\273\016\234\300\215\207\343\210\070\205\147\372\076
\307\253\340\023\234\005\030\230\317\223\365\261\222\264\374\043
\323\317\325\304\047\111\340\236\074\233\010\243\213\135\052\041
\340\374\071\252\123\332\175\176\317\032\011\123\274\135\005\004
\317\241\112\217\213\166\202\015\241\370\322\307\024\167\133\220
\066\007\201\233\076\006\372\122\136\143\305\246\000\376\245\351
\122\033\122\265\222\071\162\003\011\142\275\260\140\026\156\246
\335\045\302\003\146\335\363\004\321\100\342\116\213\206\364\157
\345\203\240\047\204\136\004\301\365\220\275\060\075\304\357\250
\151\274\070\233\244\244\226\321\142\332\151\300\001\226\256\313
\304\121\064\352\014\252\377\041\216\131\217\112\134\344\141\232

\247\322\351\052\170\215\121\075\072\025\356\242\131\216\251\134
\336\305\371\220\042\345\210\105\161\335\221\231\154\172\237\075
\075\230\174\136\366\276\026\150\240\136\256\013\043\374\132\017
\252\042\166\055\311\241\020\035\344\323\104\043\220\210\237\306
\052\346\327\365\232\263\130\036\057\060\211\010\033\124\242\265
\230\043\354\010\167\034\225\135\141\321\313\211\234\137\242\112
\221\232\357\041\252\111\026\010\250\275\141\050\061\311\164\255
\205\366\331\305\261\213\321\345\020\062\115\137\213\040\072\074
\111\037\063\205\131\015\333\313\011\165\103\151\163\373\153\161
\175\360\337\304\114\175\306\243\056\310\225\171\313\163\242\216
\116\115\044\373\136\344\004\276\162\033\246\047\055\111\132\231
\172\327\134\011\040\267\177\224\271\117\361\015\034\136\210\102
\033\021\267\347\221\333\236\154\364\152\337\214\006\230\003\255
\314\050\357\245\107\363\123\002\003\001\000\001\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\035\006\003\125\035\016\004\026\004\024\243\227\326\363
\136\242\020\341\253\105\237\074\027\144\074\356\001\160\234\314
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\002\001\000\030\372\133\165\374\076\172\307\137\167\307\312
\337\317\137\303\022\304\100\135\324\062\252\270\152\327\325\025
\025\106\230\043\245\346\220\133\030\231\114\343\255\102\243\202
\061\066\210\315\351\373\304\004\226\110\213\001\307\215\001\317
\133\063\006\226\106\146\164\035\117\355\301\266\271\264\015\141
\314\143\176\327\056\167\214\226\034\052\043\150\153\205\127\166
\160\063\023\376\341\117\246\043\167\030\372\032\214\350\275\145
\311\317\077\364\311\027\334\353\307\274\300\004\056\055\106\057
\151\146\303\033\217\376\354\076\323\312\224\277\166\012\045\015
\251\173\002\034\251\320\073\137\013\300\201\072\075\144\341\277
\247\055\116\275\115\304\330\051\306\042\030\320\305\254\162\002
\202\077\252\072\242\072\042\227\061\335\010\143\303\165\024\271
\140\050\055\133\150\340\026\251\146\202\043\121\365\353\123\330
\061\233\173\351\267\235\113\353\210\026\317\371\135\070\212\111
\060\217\355\361\353\031\364\167\032\061\030\115\147\124\154\057
\157\145\371\333\075\354\041\354\136\364\364\213\312\140\145\124
\321\161\144\364\371\246\243\201\063\066\063\161\360\244\170\137
\116\255\203\041\336\064\111\215\350\131\254\235\362\166\132\066
\362\023\364\257\340\011\307\141\052\154\367\340\235\256\273\206
\112\050\157\056\356\264\171\315\220\063\303\263\166\372\365\360
\154\235\001\220\372\236\220\366\234\162\317\107\332\303\037\344
\065\040\123\362\124\321\337\141\203\246\002\342\045\070\336\205
\062\055\136\163\220\122\135\102\304\316\075\113\341\371\031\204
\035\325\242\120\314\101\373\101\024\303\275\326\311\132\243\143
\146\002\200\275\005\072\073\107\234\354\000\046\114\365\210\121
\277\250\043\177\030\007\260\013\355\213\046\241\144\323\141\112
\353\134\237\336\263\257\147\003\263\037\335\155\135\151\150\151
\253\136\072\354\174\151\274\307\073\205\116\236\025\271\264\025
\117\303\225\172\130\327\311\154\351\154\271\363\051\143\136\264

```
\054\360\055\075\355\132\145\340\251\133\100\302\110\231\201\155
\236\037\006\052\074\022\264\213\017\233\242\044\360\246\215\326
\172\340\113\266\144\226\143\225\204\302\112\315\034\056\044\207
\063\140\345\303
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Trust for "QuoVadis Root CA 1 G3"

Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM

Serial Number:78:58:5f:2e:ad:2c:19:4b:e3:37:07:35:34:13:28:b5:96:d4:65:93

Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM

Not Valid Before: Thu Jan 12 17:27:44 2012

Not Valid After : Sun Jan 12 17:27:44 2042

Fingerprint (SHA-256):

8A:86:6F:D1:B2:76:B5:7E:57:8E:92:1C:65:82:8A:2B:ED:58:E9:F2:F2:88:05:41:34:B7:F1:F4:BF:C9:CC:74

Fingerprint (SHA1): 1B:8E:EA:57:96:29:1A:C9:39:EA:B8:0A:81:1A:73:73:C0:93:79:67

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\033\216\352\127\226\051\032\311\071\352\270\012\201\032\163\163
\300\223\171\147
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\244\274\133\077\376\067\232\372\144\360\342\372\005\075\013\253
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023
\050\265\226\324\145\223
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

Certificate "QuoVadis Root CA 2 G3"

```
#
# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Serial Number:44:57:34:24:5b:81:89:9b:35:f2:ce:b8:2b:3b:5b:a7:26:f0:75:28
# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 18:59:32 2012
# Not Valid After : Sun Jan 12 18:59:32 2042
# Fingerprint (SHA-256):
8F:E4:FB:0A:F9:3A:4D:0D:67:DB:0B:EB:B2:3E:37:C7:1B:F3:25:DC:BC:DD:24:0E:A0:4D:AF:58:B4:7E:18:40
# Fingerprint (SHA1): 09:3C:61:F3:8B:8B:DC:7D:55:DF:75:38:02:05:00:E1:25:F5:C8:36
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\211\233\065\362\316\270\053\073
\133\247\046\360\165\050
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\104
\127\064\044\133\201\211\233\065\362\316\270\053\073\133\247\046
\360\165\050\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\062\040\107\063\060\036\027\015
\061\062\060\061\061\062\061\070\065\071\063\062\132\027\015\064
\062\060\061\061\062\061\070\065\071\063\062\132\060\110\061\013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023
```

\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\062\040\107\063\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\241\256\045\262\001\030\334\127\210
\077\106\353\371\257\342\353\043\161\342\232\321\141\146\041\137
\252\257\047\121\345\156\033\026\324\055\175\120\260\123\167\275
\170\072\140\342\144\002\233\174\206\233\326\032\216\255\377\037
\025\177\325\225\036\022\313\346\024\204\004\301\337\066\263\026
\237\212\343\311\333\230\064\316\330\063\027\050\106\374\247\311
\360\322\264\325\115\011\162\111\371\362\207\343\251\332\175\241
\175\153\262\072\045\251\155\122\104\254\370\276\156\373\334\246
\163\221\220\141\246\003\024\040\362\347\207\243\210\255\255\240
\214\377\246\013\045\122\045\347\026\001\325\313\270\065\201\014
\243\073\360\341\341\374\132\135\316\200\161\155\370\111\253\076
\073\272\270\327\200\001\373\245\353\133\263\305\136\140\052\061
\240\257\067\350\040\072\237\250\062\054\014\314\011\035\323\236
\216\135\274\114\230\356\305\032\150\173\354\123\246\351\024\065
\243\337\315\200\237\014\110\373\034\364\361\277\112\270\372\325
\214\161\112\307\037\255\376\101\232\263\203\135\362\204\126\357
\245\127\103\316\051\255\214\253\125\277\304\373\133\001\335\043
\041\241\130\000\216\303\320\152\023\355\023\343\022\053\200\334
\147\346\225\262\315\036\042\156\052\370\101\324\362\312\024\007
\215\212\125\022\306\151\365\270\206\150\057\123\136\260\322\252
\041\301\230\346\060\343\147\125\307\233\156\254\031\250\125\246
\105\006\320\043\072\333\353\145\135\052\021\021\360\073\117\312
\155\364\064\304\161\344\377\000\132\366\134\256\043\140\205\163
\361\344\020\261\045\256\325\222\273\023\301\014\340\071\332\264
\071\127\265\253\065\252\162\041\073\203\065\347\061\337\172\041
\156\270\062\010\175\035\062\221\025\112\142\162\317\343\167\241
\274\325\021\033\166\001\147\010\340\101\013\303\353\025\156\370
\244\031\331\242\253\257\342\047\122\126\053\002\212\054\024\044
\371\277\102\002\277\046\310\306\217\340\156\070\175\123\055\345
\355\230\263\225\143\150\177\371\065\364\337\210\305\140\065\222
\300\174\151\034\141\225\026\320\353\336\013\257\076\004\020\105
\145\130\120\070\257\110\362\131\266\026\362\074\015\220\002\306
\160\056\001\255\074\025\327\002\003\001\000\001\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\035\006\003\125\035\016\004\026\004\024\355\347\157\166
\132\277\140\354\111\133\306\245\167\273\162\026\161\233\304\075
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\002\001\000\221\337\200\077\103\011\176\161\302\367\353\263
\210\217\341\121\262\274\075\165\371\050\135\310\274\231\233\173
\135\252\345\312\341\012\367\350\262\323\237\335\147\061\176\272
\001\252\307\152\101\073\220\324\010\134\262\140\152\220\360\310
\316\003\142\371\213\355\373\156\052\334\006\115\074\051\017\211
\026\212\130\114\110\017\350\204\141\352\074\162\246\167\344\102
\256\210\243\103\130\171\176\256\312\245\123\015\251\075\160\275

\040\031\141\244\154\070\374\103\062\341\301\107\377\370\354\361
\021\042\062\226\234\302\366\133\151\226\173\040\014\103\101\232
\133\366\131\031\210\336\125\210\067\121\013\170\134\012\036\243
\102\375\307\235\210\017\300\362\170\002\044\124\223\257\211\207
\210\311\112\200\035\352\320\156\076\141\056\066\273\065\016\047
\226\375\146\064\073\141\162\163\361\026\134\107\006\124\111\000
\172\130\022\260\012\357\205\375\261\270\063\165\152\223\034\022
\346\140\136\157\035\177\311\037\043\313\204\141\237\036\202\104
\371\137\255\142\125\044\232\122\230\355\121\347\241\176\227\072
\346\057\037\021\332\123\200\054\205\236\253\065\020\333\042\137
\152\305\136\227\123\362\062\002\011\060\243\130\360\015\001\325
\162\306\261\174\151\173\303\365\066\105\314\141\156\136\114\224
\305\136\256\350\016\136\213\277\367\315\340\355\241\016\033\063
\356\124\030\376\017\276\357\176\204\153\103\343\160\230\333\135
\165\262\015\131\007\205\025\043\071\326\361\337\251\046\017\326
\110\307\263\246\042\365\063\067\132\225\107\237\173\272\030\025
\157\377\326\024\144\203\111\322\012\147\041\333\017\065\143\140
\050\042\343\261\225\203\315\205\246\335\057\017\347\147\122\156
\273\057\205\174\365\112\163\347\305\076\300\275\041\022\005\077
\374\267\003\111\002\133\310\045\346\342\124\070\365\171\207\214
\035\123\262\116\205\173\006\070\307\054\370\370\260\162\215\045
\345\167\122\364\003\034\110\246\120\137\210\040\060\156\362\202
\103\253\075\227\204\347\123\373\041\301\117\017\042\232\206\270
\131\052\366\107\075\031\210\055\350\205\341\236\354\205\010\152
\261\154\064\311\035\354\110\053\073\170\355\146\304\216\171\151
\203\336\177\214

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "QuoVadis Root CA 2 G3"

Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM

Serial Number:44:57:34:24:5b:81:89:9b:35:f2:ce:b8:2b:3b:5b:a7:26:f0:75:28

Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM

Not Valid Before: Thu Jan 12 18:59:32 2012

Not Valid After : Sun Jan 12 18:59:32 2042

Fingerprint (SHA-256):

8F:E4:FB:0A:F9:3A:4D:0D:67:DB:0B:EB:B2:3E:37:C7:1B:F3:25:DC:BC:DD:24:0E:A0:4D:AF:58:B4:7E:18:40

Fingerprint (SHA1): 09:3C:61:F3:8B:8B:DC:7D:55:DF:75:38:02:05:00:E1:25:F5:C8:36

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"

CKA_CERT_SHA1_HASH MULTILINE OCTAL

\011\074\141\363\213\213\334\175\125\337\165\070\002\005\000\341

\045\365\310\066

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\257\014\206\156\277\100\055\177\013\076\022\120\272\022\075\006
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\211\233\065\362\316\270\053\073
\133\247\046\360\165\050
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 3 G3"
#
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Serial Number:2e:f5:9b:02:28:a7:db:7a:ff:d5:a3:a9:ee:bd:03:a0:cf:12:6a:1d
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 20:26:32 2012
# Not Valid After : Sun Jan 12 20:26:32 2042
# Fingerprint (SHA-256):
88:EF:81:DE:20:2E:B0:18:45:2E:43:F8:64:72:5C:EA:5F:BD:1F:C2:D9:D2:05:73:07:09:C5:D8:B8:69:0F:46
# Fingerprint (SHA1): 48:12:BD:92:3C:A8:C4:39:06:E7:30:6D:27:96:E6:A4:CF:22:2E:7D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144

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\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275
\003\240\317\022\152\035

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\056
\365\233\002\050\247\333\172\377\325\243\251\356\275\003\240\317
\022\152\035\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\063\040\107\063\060\036\027\015
\061\062\060\061\061\062\062\060\062\066\063\062\132\027\015\064
\062\060\061\061\062\062\060\062\066\063\062\132\060\110\061\013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\063\040\107\063\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\263\313\016\020\147\216\352\024\227
\247\062\052\012\126\066\177\150\114\307\263\157\072\043\024\221
\377\031\177\245\312\254\356\263\166\235\172\351\213\033\253\153
\061\333\372\013\123\114\257\305\245\032\171\074\212\114\377\254
\337\045\336\116\331\202\062\013\104\336\312\333\214\254\243\156
\026\203\073\246\144\113\062\211\373\026\026\070\176\353\103\342
\323\164\112\302\142\012\163\012\335\111\263\127\322\260\012\205
\235\161\074\336\243\313\300\062\363\001\071\040\103\033\065\321
\123\263\261\356\305\223\151\202\076\026\265\050\106\241\336\352
\211\011\355\103\270\005\106\212\206\365\131\107\276\033\157\001
\041\020\271\375\251\322\050\312\020\071\011\312\023\066\317\234
\255\255\100\164\171\053\002\077\064\377\372\040\151\175\323\356
\141\365\272\263\347\060\320\067\043\206\162\141\105\051\110\131
\150\157\167\246\056\201\276\007\115\157\257\316\304\105\023\221
\024\160\006\217\037\237\370\207\151\261\016\357\303\211\031\353
\352\034\141\374\172\154\212\334\326\003\013\236\046\272\022\335
\324\124\071\253\046\243\063\352\165\201\332\055\315\017\117\344
\003\321\357\025\227\033\153\220\305\002\220\223\146\002\041\261
\107\336\213\232\112\200\271\125\217\265\242\057\300\326\063\147
\332\176\304\247\264\004\104\353\107\373\346\130\271\367\014\360
\173\053\261\300\160\051\303\100\142\055\073\110\151\334\043\074
\110\353\173\011\171\251\155\332\250\060\230\317\200\162\003\210
\246\133\106\256\162\171\174\010\003\041\145\256\267\341\034\245

\261\052\242\061\336\146\004\367\300\164\350\161\336\377\075\131
\314\226\046\022\213\205\225\127\032\253\153\165\013\104\075\021
\050\074\173\141\267\342\217\147\117\345\354\074\114\140\200\151
\127\070\036\001\133\215\125\350\307\337\300\314\167\043\064\111
\165\174\366\230\021\353\055\336\355\101\056\024\005\002\177\340
\376\040\353\065\347\021\254\042\316\127\075\336\311\060\155\020
\003\205\315\361\377\214\026\265\301\262\076\210\154\140\177\220
\117\225\367\366\055\255\001\071\007\004\372\165\200\175\277\111
\120\355\357\311\304\174\034\353\200\176\333\266\320\335\023\376
\311\323\234\327\262\227\251\002\003\001\000\001\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\035\006\003\125\035\016\004\026\004\024\306\027\320\274
\250\352\002\103\362\033\006\231\135\053\220\040\271\327\234\344
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\002\001\000\064\141\331\126\265\022\207\125\115\335\243\065
\061\106\273\244\007\162\274\137\141\142\350\245\373\013\067\261
\074\266\263\372\051\235\177\002\365\244\311\250\223\267\172\161
\050\151\217\163\341\122\220\332\325\276\072\345\267\166\152\126
\200\041\337\135\346\351\072\236\345\076\366\242\151\307\052\012
\260\030\107\334\040\160\175\122\243\076\131\174\301\272\311\310
\025\100\141\312\162\326\160\254\322\267\360\034\344\206\051\360
\316\357\150\143\320\265\040\212\025\141\232\176\206\230\264\311
\302\166\373\314\272\060\026\314\243\141\306\164\023\345\153\357
\243\025\352\003\376\023\213\144\344\323\301\322\350\204\373\111
\321\020\115\171\146\353\252\375\364\215\061\036\160\024\255\334
\336\147\023\114\201\025\141\274\267\331\221\167\161\031\201\140
\273\360\130\245\265\234\013\367\217\042\125\047\300\113\001\155
\073\231\015\324\035\233\143\147\057\320\356\015\312\146\274\224
\117\246\255\355\374\356\143\254\127\077\145\045\317\262\206\217
\320\010\377\270\166\024\156\336\345\047\354\253\170\265\123\271
\266\077\350\040\371\322\250\276\141\106\312\207\214\204\363\371
\361\240\150\233\042\036\201\046\233\020\004\221\161\300\006\037
\334\240\323\271\126\247\343\230\055\177\203\235\337\214\053\234
\062\216\062\224\360\001\074\042\052\237\103\302\056\303\230\071
\007\070\173\374\136\000\102\037\363\062\046\171\203\204\366\345
\360\301\121\022\300\013\036\004\043\014\124\245\114\057\111\305
\112\321\266\156\140\015\153\374\153\213\205\044\144\267\211\016
\253\045\107\133\074\317\176\111\275\307\351\012\306\332\367\176
\016\027\010\323\110\227\320\161\222\360\017\071\076\064\152\034
\175\330\362\042\256\273\151\364\063\264\246\110\125\321\017\016
\046\350\354\266\013\055\247\205\065\315\375\131\310\237\321\315
\076\132\051\064\271\075\204\316\261\145\324\131\221\221\126\165
\041\301\167\236\371\172\341\140\235\323\255\004\030\364\174\353
\136\223\217\123\112\042\051\370\110\053\076\115\206\254\133\177
\313\006\231\131\140\330\130\145\225\215\104\321\367\177\176\047
\177\175\256\200\365\007\114\266\076\234\161\124\231\004\113\375
\130\371\230\364

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END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "QuoVadis Root CA 3 G3"
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Serial Number:2e:f5:9b:02:28:a7:db:7a:ff:d5:a3:a9:ee:bd:03:a0:cf:12:6a:1d
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 20:26:32 2012
# Not Valid After : Sun Jan 12 20:26:32 2042
# Fingerprint (SHA-256):
88:EF:81:DE:20:2E:B0:18:45:2E:43:F8:64:72:5C:EA:5F:BD:1F:C2:D9:D2:05:73:07:09:C5:D8:B8:69:0F:46
# Fingerprint (SHA1): 48:12:BD:92:3C:A8:C4:39:06:E7:30:6D:27:96:E6:A4:CF:22:2E:7D
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\110\022\275\222\074\250\304\071\006\347\060\155\047\226\346\244
\317\042\056\175
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\337\175\271\255\124\157\150\241\337\211\127\003\227\103\260\327
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275
\003\240\317\022\152\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Assured ID Root G2"
#
# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0b:93:1c:3a:d6:39:67:ea:67:23:bf:c3:af:9a:f4:4b
# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

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# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
7D:05:EB:B6:82:33:9F:8C:94:51:EE:09:4E:EB:FE:FA:79:53:A1:14:ED:B2:F4:49:49:45:2F:AB:7D:2F:C1:85
# Fingerprint (SHA1): A1:4B:48:D9:43:EE:0A:0E:40:90:4F:3C:E0:A4:C0:91:93:51:5D:3F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232
\364\113
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\226\060\202\002\176\240\003\002\001\002\002\020\013
\223\034\072\326\071\147\352\147\043\277\303\257\232\364\113\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\145
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145
\162\164\040\101\163\163\165\162\145\144\040\111\104\040\122\157
\157\164\040\107\062\060\036\027\015\061\063\060\070\060\061\061
\062\060\060\060\060\132\027\015\063\070\060\061\061\065\061\062
\060\060\060\060\132\060\145\061\013\060\011\006\003\125\004\006
\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104
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\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006
\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145
\162\164\056\143\157\155\061\044\060\042\006\003\125\004\003\023
\033\104\151\147\151\103\145\162\164\040\101\163\163\165\162\145
\144\040\111\104\040\122\157\157\164\040\107\062\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\331\347\050
\057\122\077\066\162\111\210\223\064\363\370\152\036\061\124\200
\237\255\124\101\265\107\337\226\250\324\257\200\055\271\012\317
\165\375\211\245\175\044\372\343\042\014\053\274\225\027\013\063
\277\031\115\101\006\220\000\275\014\115\020\376\007\265\347\034
\156\042\125\061\145\227\275\323\027\322\036\142\363\333\352\154
\120\214\077\204\014\226\317\267\313\003\340\312\155\241\024\114
\033\211\335\355\000\260\122\174\257\221\154\261\070\023\321\351
\022\010\300\000\260\034\053\021\332\167\160\066\233\256\316\171
\207\334\202\160\346\011\164\160\125\151\257\243\150\237\277\335
\266\171\263\362\235\160\051\125\364\253\377\225\141\363\311\100
\157\035\321\276\223\273\323\210\052\273\235\277\162\132\126\161
\073\077\324\363\321\012\376\050\357\243\356\331\231\257\003\323
\217\140\267\362\222\241\261\275\211\211\037\060\315\303\246\056
\142\063\256\026\002\167\104\132\347\201\012\074\247\104\056\171
\270\077\004\274\134\240\207\341\033\257\121\216\315\354\054\372
\370\376\155\360\072\174\252\213\344\147\225\061\215\002\003\001
\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026
\004\024\316\303\112\271\231\125\362\270\333\140\277\251\176\275
\126\265\227\066\247\326\060\015\006\011\052\206\110\206\367\015
\001\001\013\005\000\003\202\001\001\000\312\245\125\214\343\310
\101\156\151\047\247\165\021\357\074\206\066\157\322\235\306\170
\070\035\151\226\242\222\151\056\070\154\233\175\004\324\211\245
\261\061\067\212\311\041\314\253\154\315\213\034\232\326\277\110
\322\062\146\301\212\300\363\057\072\357\300\343\324\221\206\321
\120\343\003\333\163\167\157\112\071\123\355\336\046\307\265\175
\257\053\102\321\165\142\343\112\053\002\307\120\113\340\151\342
\226\154\016\104\146\020\104\217\255\005\353\370\171\254\246\033
\350\067\064\235\123\311\141\252\242\122\257\112\160\026\206\302
\072\310\261\023\160\066\330\317\356\364\012\064\325\133\114\375
\007\234\242\272\331\001\162\134\363\115\301\335\016\261\034\015
\304\143\276\255\364\024\373\211\354\242\101\016\114\314\310\127
\100\320\156\003\252\315\014\216\211\231\231\154\360\074\060\257
\070\337\157\274\243\276\051\040\047\253\164\377\023\042\170\336
\227\122\125\036\203\265\124\040\003\356\256\300\117\126\336\067
\314\303\177\252\004\047\273\323\167\270\142\333\027\174\234\050
\042\023\163\154\317\046\365\212\051\347

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "DigiCert Assured ID Root G2"

Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

Serial Number:0b:93:1c:3a:d6:39:67:ea:67:23:bf:c3:af:9a:f4:4b

Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

Not Valid Before: Thu Aug 01 12:00:00 2013

Not Valid After : Fri Jan 15 12:00:00 2038

Fingerprint (SHA-256):

7D:05:EB:B6:82:33:9F:8C:94:51:EE:09:4E:EB:FE:FA:79:53:A1:14:ED:B2:F4:49:49:45:2F:AB:7D:2F:C1:85

Fingerprint (SHA1): A1:4B:48:D9:43:EE:0A:0E:40:90:4F:3C:E0:A4:C0:91:93:51:5D:3F

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "DigiCert Assured ID Root G2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\241\113\110\331\103\356\012\016\100\220\117\074\340\244\300\221
\223\121\135\077

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\222\070\271\370\143\044\202\145\054\127\063\346\376\201\217\235

END

CKA_ISSUER MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232
\364\113

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "DigiCert Assured ID Root G3"

#

Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

Serial Number:0b:a1:5a:fa:1d:df:a0:b5:49:44:af:cd:24:a0:6c:ec

Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

Not Valid Before: Thu Aug 01 12:00:00 2013

```
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
7E:37:CB:8B:4C:47:09:0C:AB:36:55:1B:A6:F4:5D:B8:40:68:0F:BA:16:6A:95:2D:B1:00:71:7F:43:05:3F:C2
# Fingerprint (SHA1): F5:17:A2:4F:9A:48:C6:C9:F8:A2:00:26:9F:DC:0F:48:2C:AB:30:89
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\106\060\202\001\315\240\003\002\001\002\002\020\013
\241\132\372\035\337\240\265\111\104\257\315\044\240\154\354\060
\012\006\010\052\206\110\316\075\004\003\003\060\145\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003
\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156
\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056
\144\151\147\151\143\145\162\164\056\143\157\155\061\044\060\042
\006\003\125\004\003\023\033\104\151\147\151\103\145\162\164\040
\101\163\163\165\162\145\144\040\111\104\040\122\157\157\164\040
\107\063\060\036\027\015\061\063\060\070\060\061\061\065\061\062\060\060
\060\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060
\060\132\060\145\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151
\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004
```

\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056
\143\157\155\061\044\060\042\006\003\125\004\003\023\033\104\151
\147\151\103\145\162\164\040\101\163\163\165\162\145\144\040\111
\104\040\122\157\157\164\040\107\063\060\166\060\020\006\007\052
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\031\347\274\254\104\145\355\315\270\077\130\373\215\261\127
\251\104\055\005\025\362\357\013\377\020\164\237\265\142\122\137
\146\176\037\345\334\033\105\171\013\314\306\123\012\235\215\135
\002\331\251\131\336\002\132\366\225\052\016\215\070\112\212\111
\306\274\306\003\070\007\137\125\332\176\011\156\342\177\136\320
\105\040\017\131\166\020\326\240\044\360\055\336\066\362\154\051
\071\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026\004
\024\313\320\275\251\341\230\005\121\241\115\067\242\203\171\316
\215\035\052\344\204\060\012\006\010\052\206\110\316\075\004\003
\003\003\147\000\060\144\002\060\045\244\201\105\002\153\022\113
\165\164\117\310\043\343\160\362\165\162\336\174\211\360\317\221
\162\141\236\136\020\222\131\126\271\203\307\020\347\070\351\130
\046\066\175\325\344\064\206\071\002\060\174\066\123\360\060\345
\142\143\072\231\342\266\243\073\233\064\372\036\332\020\222\161
\136\221\023\247\335\244\156\222\314\062\326\365\041\146\307\057
\352\226\143\152\145\105\222\225\001\264

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "DigiCert Assured ID Root G3"

Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

Serial Number:0b:a1:5a:fa:1d:df:a0:b5:49:44:af:cd:24:a0:6c:ec

Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

Not Valid Before: Thu Aug 01 12:00:00 2013

Not Valid After : Fri Jan 15 12:00:00 2038

Fingerprint (SHA-256):

7E:37:CB:8B:4C:47:09:0C:AB:36:55:1B:A6:F4:5D:B8:40:68:0F:BA:16:6A:95:2D:B1:00:71:7F:43:05:3F:C2

Fingerprint (SHA1): F5:17:A2:4F:9A:48:C6:C9:F8:A2:00:26:9F:DC:0F:48:2C:AB:30:89

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "DigiCert Assured ID Root G3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\365\027\242\117\232\110\306\311\370\242\000\046\237\334\017\110
\054\253\060\211

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\174\177\145\061\014\201\337\215\272\076\231\342\134\255\156\373

END

CKA_ISSUER MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "DigiCert Global Root G2"

#

Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

Serial Number:03:3a:f1:e6:a7:11:a9:a0:bb:28:64:b1:1d:09:fa:e5

Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

Not Valid Before: Thu Aug 01 12:00:00 2013

Not Valid After : Fri Jan 15 12:00:00 2038

Fingerprint (SHA-256):

CB:3C:CB:B7:60:31:E5:E0:13:8F:8D:D3:9A:23:F9:DE:47:FF:C3:5E:43:C1:14:4C:EA:27:D4:6A:5A:B1:CB:5F

Fingerprint (SHA1): DF:3C:24:F9:BF:D6:66:76:1B:26:80:73:FE:06:D1:CC:8D:4F:82:A4

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "DigiCert Global Root G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011
\372\345

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\216\060\202\002\166\240\003\002\001\002\002\020\003
\072\361\346\247\021\251\240\273\050\144\261\035\011\372\345\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107
\062\060\036\027\015\061\063\060\070\060\061\061\062\060\060\060
\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060\060
\132\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103
\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013
\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143
\157\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147
\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157
\164\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012
\002\202\001\001\000\273\067\315\064\334\173\153\311\262\150\220
\255\112\165\377\106\272\041\012\010\215\365\031\124\311\373\210
\333\363\256\362\072\211\221\074\172\346\253\006\032\153\317\254
\055\350\136\011\044\104\272\142\232\176\326\243\250\176\340\124
\165\040\005\254\120\267\234\143\032\154\060\334\332\037\031\261
\327\036\336\375\327\340\313\224\203\067\256\354\037\103\116\335
\173\054\322\275\056\245\057\344\251\270\255\072\324\231\244\266
\045\351\233\153\000\140\222\140\377\117\041\111\030\367\147\220
\253\141\006\234\217\362\272\351\264\351\222\062\153\265\363\127
\350\135\033\315\214\035\253\225\004\225\111\363\065\055\226\343
\111\155\335\167\343\373\111\113\264\254\125\007\251\217\225\263
\264\043\273\114\155\105\360\366\251\262\225\060\264\375\114\125
\214\047\112\127\024\174\202\235\315\163\222\323\026\112\006\014
\214\120\321\217\036\011\276\027\241\346\041\312\375\203\345\020
\274\203\245\012\304\147\050\366\163\024\024\075\106\166\303\207
\024\211\041\064\115\257\017\105\014\246\111\241\272\273\234\305
\261\063\203\051\205\002\003\001\000\001\243\102\060\100\060\017

```
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060
\035\006\003\125\035\016\004\026\004\024\116\042\124\040\030\225
\346\343\156\346\017\372\372\271\022\355\006\027\217\071\060\015
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001
\001\000\140\147\050\224\157\016\110\143\353\061\335\352\147\030
\325\211\175\074\305\213\112\177\351\276\333\053\027\337\260\137
\163\167\052\062\023\071\201\147\102\204\043\362\105\147\065\354
\210\277\370\217\260\141\014\064\244\256\040\114\204\306\333\370
\065\341\166\331\337\246\102\273\307\104\010\206\177\066\164\044
\132\332\154\015\024\131\065\275\362\111\335\266\037\311\263\015
\107\052\075\231\057\273\134\273\265\324\040\341\231\137\123\106
\025\333\150\233\360\363\060\325\076\061\342\215\204\236\343\212
\332\332\226\076\065\023\245\137\360\371\160\120\160\107\101\021
\127\031\116\300\217\256\006\304\225\023\027\057\033\045\237\165
\362\261\216\231\241\157\023\261\101\161\376\210\052\310\117\020
\040\125\327\363\024\105\345\340\104\364\352\207\225\062\223\016
\376\123\106\372\054\235\377\213\042\271\113\331\011\105\244\336
\244\270\232\130\335\033\175\122\237\216\131\103\210\201\244\236
\046\325\157\255\335\015\306\067\175\355\003\222\033\345\167\137
\166\356\074\215\304\135\126\133\242\331\146\156\263\065\067\345
\062\266
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "DigiCert Global Root G2"
```

```
# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Serial Number:03:3a:f1:e6:a7:11:a9:a0:bb:28:64:b1:1d:09:fa:e5
```

```
# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Not Valid Before: Thu Aug 01 12:00:00 2013
```

```
# Not Valid After : Fri Jan 15 12:00:00 2038
```

```
# Fingerprint (SHA-256):
```

```
CB:3C:CB:B7:60:31:E5:E0:13:8F:8D:D3:9A:23:F9:DE:47:FF:C3:5E:43:C1:14:4C:EA:27:D4:6A:5A:B1:CB:5F
```

```
# Fingerprint (SHA1): DF:3C:24:F9:BF:D6:66:76:1B:26:80:73:FE:06:D1:CC:8D:4F:82:A4
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert Global Root G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\337\074\044\371\277\326\146\166\033\046\200\163\376\006\321\314
```

```
\215\117\202\244
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\344\246\212\310\124\254\122\102\106\012\375\162\110\033\052\104
```

END

CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011
\372\345

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "DigiCert Global Root G3"

#

Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

Serial Number:05:55:56:bc:f2:5e:a4:35:35:c3:a4:0f:d5:ab:45:72

Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

Not Valid Before: Thu Aug 01 12:00:00 2013

Not Valid After : Fri Jan 15 12:00:00 2038

Fingerprint (SHA-256):

31:AD:66:48:F8:10:41:38:C7:38:F3:9E:A4:32:01:33:39:3E:3A:18:CC:02:29:6E:F9:7C:2A:C9:EF:67:31:D0

Fingerprint (SHA1): 7E:04:DE:89:6A:3E:66:6D:00:E6:87:D3:3F:FA:D9:3B:E8:3D:34:9E

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "DigiCert Global Root G3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145

\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253
\105\162

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\077\060\202\001\305\240\003\002\001\002\002\020\005
\125\126\274\362\136\244\065\065\303\244\017\325\253\105\162\060
\012\006\010\052\206\110\316\075\004\003\003\060\141\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003
\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156
\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056
\144\151\147\151\143\145\162\164\056\143\157\155\061\040\060\036
\006\003\125\004\003\023\027\104\151\147\151\103\145\162\164\040
\107\154\157\142\141\154\040\122\157\157\164\040\107\063\060\036
\027\015\061\063\060\070\060\061\061\062\060\060\060\060\132\027
\015\063\070\060\061\061\065\061\062\060\060\060\060\132\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107
\063\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\335\247\331\273\212\270\013
\373\013\177\041\322\360\276\276\163\363\063\135\032\274\064\352
\336\306\233\274\320\225\366\360\314\320\013\272\141\133\121\106
\176\236\055\237\356\216\143\014\027\354\007\160\365\317\204\056
\100\203\234\350\077\101\155\073\255\323\244\024\131\066\170\235
\003\103\356\020\023\154\162\336\256\210\247\241\153\265\103\316
\147\334\043\377\003\034\243\342\076\243\102\060\100\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\035
\006\003\125\035\016\004\026\004\024\263\333\110\244\371\241\305
\330\256\066\101\314\021\143\151\142\051\274\113\306\060\012\006
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061
\000\255\274\362\154\077\022\112\321\055\071\303\012\011\227\163
\364\210\066\214\210\047\273\346\210\215\120\205\247\143\371\236
\062\336\146\223\017\361\314\261\011\217\335\154\253\372\153\177
\240\002\060\071\146\133\302\144\215\270\236\120\334\250\325\111
\242\355\307\334\321\111\177\027\001\270\310\206\217\116\214\210
\053\250\232\251\212\305\321\000\275\370\124\342\232\345\133\174
\263\047\027

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "DigiCert Global Root G3"
# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:05:55:56:bc:f2:5e:a4:35:35:c3:a4:0f:d5:ab:45:72
# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
31:AD:66:48:F8:10:41:38:C7:38:F3:9E:A4:32:01:33:39:3E:3A:18:CC:02:29:6E:F9:7C:2A:C9:EF:67:31:D0
# Fingerprint (SHA1): 7E:04:DE:89:6A:3E:66:6D:00:E6:87:D3:3F:FA:D9:3B:E8:3D:34:9E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\176\004\336\211\152\076\146\155\000\346\207\323\077\372\331\073
\350\075\064\236
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\365\135\244\120\245\373\050\176\036\017\015\314\226\127\126\312
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253
\105\162
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Trusted Root G4"
#
# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US

```

```
# Serial Number:05:9b:1b:57:9e:8e:21:32:e2:39:07:bd:a7:77:75:5c
# Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
55:2F:7B:DC:F1:A7:AF:9E:6C:E6:72:01:7F:4F:12:AB:F7:72:40:C7:8E:76:1A:C2:03:D1:D9:D2:0A:C8:99:88
# Fingerprint (SHA1): DD:FB:16:CD:49:31:C9:73:A2:03:7D:3F:C8:3A:4D:7D:77:5D:05:E4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Trusted Root G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\220\060\202\003\170\240\003\002\001\002\002\020\005
\233\033\127\236\216\041\062\342\071\007\275\247\167\165\134\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\142
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\041\060\037\006\003\125\004\003\023\030\104\151\147\151\103\145
\162\164\040\124\162\165\163\164\145\144\040\122\157\157\164\040
\107\064\060\036\027\015\061\063\060\070\060\061\061\062\060\060
\060\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060
```

\060\132\060\142\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151
\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004
\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056
\143\157\155\061\041\060\037\006\003\125\004\003\023\030\104\151
\147\151\103\145\162\164\040\124\162\165\163\164\145\144\040\122
\157\157\164\040\107\064\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\277\346\220\163\150\336\273\344\135
\112\074\060\042\060\151\063\354\302\247\045\056\311\041\075\362
\212\330\131\302\341\051\247\075\130\253\166\232\315\256\173\033
\204\015\304\060\037\363\033\244\070\026\353\126\306\227\155\035
\253\262\171\362\312\021\322\344\137\326\005\074\122\017\122\037
\306\236\025\245\176\276\237\251\127\026\131\125\162\257\150\223
\160\302\262\272\165\231\152\163\062\224\321\020\104\020\056\337
\202\363\007\204\346\164\073\155\161\342\055\014\033\356\040\325
\311\040\035\143\051\055\316\354\136\116\310\223\370\041\141\233
\064\353\005\306\136\354\133\032\274\353\311\317\315\254\064\100
\137\261\172\146\356\167\310\110\250\146\127\127\237\124\130\216
\014\053\267\117\247\060\331\126\356\312\173\135\343\255\311\117
\136\345\065\347\061\313\332\223\136\334\216\217\200\332\266\221
\230\100\220\171\303\170\307\266\261\304\265\152\030\070\003\020
\215\330\324\067\244\056\005\175\210\365\202\076\020\221\160\253
\125\202\101\062\327\333\004\163\052\156\221\001\174\041\114\324
\274\256\033\003\165\135\170\146\331\072\061\104\232\063\100\277
\010\327\132\111\244\302\346\251\240\147\335\244\047\274\241\117
\071\265\021\130\027\367\044\134\106\217\144\367\301\151\210\166
\230\166\075\131\135\102\166\207\211\227\151\172\110\360\340\242
\022\033\146\232\164\312\336\113\036\347\016\143\256\346\324\357
\222\222\072\236\075\334\000\344\105\045\211\266\232\104\031\053
\176\300\224\264\322\141\155\353\063\331\305\337\113\004\000\314
\175\034\225\303\217\367\041\262\262\021\267\273\177\362\325\214
\160\054\101\140\252\261\143\030\104\225\032\166\142\176\366\200
\260\373\350\144\246\063\321\211\007\341\275\267\346\103\244\030
\270\246\167\001\341\017\224\014\041\035\262\124\051\045\211\154
\345\016\122\121\107\164\276\046\254\266\101\165\336\172\254\137
\215\077\311\274\323\101\021\022\133\345\020\120\353\061\305\312
\162\026\042\011\337\174\114\165\077\143\354\041\137\304\040\121
\153\157\261\253\206\213\117\302\326\105\137\235\040\374\241\036
\305\300\217\242\261\176\012\046\231\365\344\151\057\230\035\055
\365\331\251\262\035\345\033\002\003\001\000\001\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\206\060\035\006\003\125\035\016\004\026\004\024\354\327\343\202
\322\161\135\144\114\337\056\147\077\347\272\230\256\034\017\117
\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\003
\202\002\001\000\273\141\331\175\251\154\276\027\304\221\033\303
\241\242\000\215\343\144\150\017\126\317\167\256\160\371\375\232

\112\231\271\311\170\134\014\014\137\344\346\024\051\126\013\066
\111\135\104\143\340\255\234\226\030\146\033\043\015\075\171\351
\155\153\326\124\370\322\074\301\103\100\256\035\120\365\122\374
\220\073\273\230\231\151\153\307\301\247\250\150\244\047\334\235
\371\047\256\060\205\271\366\147\115\072\076\217\131\071\042\123
\104\353\310\135\003\312\355\120\172\175\142\041\012\200\310\163
\146\321\240\005\140\137\350\245\264\247\257\250\367\155\065\234
\174\132\212\326\242\070\231\363\170\213\364\115\322\040\013\336
\004\356\214\233\107\201\162\015\300\024\062\357\060\131\056\256
\340\161\362\126\344\152\227\157\222\120\155\226\215\150\172\232
\262\066\024\172\006\362\044\271\011\021\120\327\010\261\270\211
\172\204\043\141\102\051\345\243\315\242\040\101\327\321\234\144
\331\352\046\241\213\024\327\114\031\262\120\101\161\075\077\115
\160\043\206\014\112\334\201\322\314\062\224\204\015\010\011\227
\034\117\300\356\153\040\164\060\322\340\071\064\020\205\041\025
\001\010\350\125\062\336\161\111\331\050\027\120\115\346\276\115
\321\165\254\320\312\373\101\270\103\245\252\323\303\005\104\117
\054\066\233\342\372\342\105\270\043\123\154\006\157\147\125\177
\106\265\114\077\156\050\132\171\046\322\244\250\142\227\322\036
\342\355\112\213\274\033\375\107\112\015\337\147\146\176\262\133
\101\320\073\344\364\073\364\004\143\351\357\302\124\000\121\240
\212\052\311\316\170\314\325\352\207\004\030\263\316\257\111\210
\257\363\222\231\266\263\346\141\017\322\205\000\347\120\032\344
\033\225\235\031\241\271\234\261\233\261\000\036\357\320\017\117
\102\154\311\012\274\356\103\372\072\161\245\310\115\046\245\065
\375\211\135\274\205\142\035\062\322\240\053\124\355\232\127\301
\333\372\020\317\031\267\213\112\033\217\001\266\047\225\123\350
\266\211\155\133\274\150\324\043\350\213\121\242\126\371\360\246
\200\240\326\036\263\274\017\017\123\165\051\252\352\023\167\344
\336\214\201\041\255\007\020\107\021\255\207\075\007\321\165\274
\317\363\146\176

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "DigiCert Trusted Root G4"

Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US

Serial Number:05:9b:1b:57:9e:8e:21:32:e2:39:07:bd:a7:77:75:5c

Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US

Not Valid Before: Thu Aug 01 12:00:00 2013

Not Valid After : Fri Jan 15 12:00:00 2038

Fingerprint (SHA-256):

55:2F:7B:DC:F1:A7:AF:9E:6C:E6:72:01:7F:4F:12:AB:F7:72:40:C7:8E:76:1A:C2:03:D1:D9:D2:0A:C8:99:88

Fingerprint (SHA1): DD:FB:16:CD:49:31:C9:73:A2:03:7D:3F:C8:3A:4D:7D:77:5D:05:E4

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Trusted Root G4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\335\373\026\315\111\061\311\163\242\003\175\077\310\072\115\175
\167\135\005\344
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\170\362\374\252\140\037\057\264\353\311\067\272\123\056\165\111
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "COMODO RSA Certification Authority"
#
# Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:4c:aa:f9:ca:db:63:6f:e0:1f:f7:4e:d8:5b:03:86:9d
# Subject: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Tue Jan 19 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
52:F0:E1:C4:E5:8E:C6:29:29:1B:60:31:7F:07:46:71:B8:5D:7E:A8:0D:5B:07:27:34:63:53:4B:32:B4:02:34
# Fingerprint (SHA1): AF:E5:D2:44:A8:D1:19:42:30:FF:47:9F:E2:F8:97:BB:CD:7A:8C:B4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO RSA Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102

```

\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\114\252\371\312\333\143\157\340\037\367\116\330\133\003
\206\235

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\330\060\202\003\300\240\003\002\001\002\002\020\114
\252\371\312\333\143\157\340\037\367\116\330\133\003\206\235\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201
\205\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033
\060\031\006\003\125\004\010\023\022\107\162\145\141\164\145\162
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006
\003\125\004\007\023\007\123\141\154\146\157\162\144\061\032\060
\030\006\003\125\004\012\023\021\103\117\115\117\104\117\040\103
\101\040\114\151\155\151\164\145\144\061\053\060\051\006\003\125
\004\003\023\042\103\117\115\117\104\117\040\122\123\101\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\060\036\027\015\061\060\060\061\061\071
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062
\063\065\071\065\071\132\060\201\205\061\013\060\011\006\003\125
\004\006\023\002\107\102\061\033\060\031\006\003\125\004\010\023
\022\107\162\145\141\164\145\162\040\115\141\156\143\150\145\163
\164\145\162\061\020\060\016\006\003\125\004\007\023\007\123\141
\154\146\157\162\144\061\032\060\030\006\003\125\004\012\023\021
\103\117\115\117\104\117\040\103\101\040\114\151\155\151\164\145
\144\061\053\060\051\006\003\125\004\003\023\042\103\117\115\117
\104\117\040\122\123\101\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202

\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\221
\350\124\222\322\012\126\261\254\015\044\335\305\317\104\147\164
\231\053\067\243\175\043\160\000\161\274\123\337\304\372\052\022
\217\113\177\020\126\275\237\160\162\267\141\177\311\113\017\027
\247\075\343\260\004\141\356\377\021\227\307\364\206\076\012\372
\076\134\371\223\346\064\172\331\024\153\347\234\263\205\240\202
\172\166\257\161\220\327\354\375\015\372\234\154\372\337\260\202
\364\024\176\371\276\304\246\057\117\177\231\177\265\374\147\103
\162\275\014\000\326\211\353\153\054\323\355\217\230\034\024\253
\176\345\343\156\374\330\250\344\222\044\332\103\153\142\270\125
\375\352\301\274\154\266\213\363\016\215\232\344\233\154\151\231
\370\170\110\060\105\325\255\341\015\074\105\140\374\062\226\121
\047\274\147\303\312\056\266\153\352\106\307\307\040\240\261\037
\145\336\110\010\272\244\116\251\362\203\106\067\204\353\350\314
\201\110\103\147\116\162\052\233\134\275\114\033\050\212\134\042
\173\264\253\230\331\356\340\121\203\303\011\106\116\155\076\231
\372\225\027\332\174\063\127\101\074\215\121\355\013\266\134\257
\054\143\032\337\127\310\077\274\351\135\304\233\257\105\231\342
\243\132\044\264\272\251\126\075\317\157\252\377\111\130\276\360
\250\377\364\270\255\351\067\373\272\270\364\013\072\371\350\103
\102\036\211\330\204\313\023\361\331\273\341\211\140\270\214\050
\126\254\024\035\234\012\347\161\353\317\016\335\075\251\226\241
\110\275\074\367\257\265\015\042\114\300\021\201\354\126\073\366
\323\242\342\133\267\262\004\042\122\225\200\223\151\350\216\114
\145\361\221\003\055\160\164\002\352\213\147\025\051\151\122\002
\273\327\337\120\152\125\106\277\240\243\050\141\177\160\320\303
\242\252\054\041\252\107\316\050\234\006\105\166\277\202\030\047
\264\325\256\264\313\120\346\153\364\114\206\161\060\351\246\337
\026\206\340\330\377\100\335\373\320\102\210\177\243\063\072\056
\134\036\101\021\201\143\316\030\161\153\053\354\246\212\267\061
\134\072\152\107\340\303\171\131\326\040\032\257\362\152\230\252
\162\274\127\112\322\113\235\273\020\374\260\114\101\345\355\035
\075\136\050\235\234\314\277\263\121\332\247\107\345\204\123\002
\003\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004
\026\004\024\273\257\176\002\075\372\246\361\074\204\216\255\356
\070\230\354\331\062\062\324\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206
\367\015\001\001\014\005\000\003\202\002\001\000\012\361\325\106
\204\267\256\121\273\154\262\115\101\024\000\223\114\234\313\345
\300\124\317\240\045\216\002\371\375\260\242\015\365\040\230\074
\023\055\254\126\242\260\326\176\021\222\351\056\272\236\056\232
\162\261\275\031\104\154\141\065\242\232\264\026\022\151\132\214
\341\327\076\244\032\350\057\003\364\256\141\035\020\033\052\244
\213\172\305\376\005\246\341\300\326\310\376\236\256\217\053\272
\075\231\370\330\163\011\130\106\156\246\234\364\327\047\323\225
\332\067\203\162\034\323\163\340\242\107\231\003\070\135\325\111

\171\000\051\034\307\354\233\040\034\007\044\151\127\170\262\071
\374\072\204\240\265\234\174\215\277\056\223\142\047\267\071\332
\027\030\256\275\074\011\150\377\204\233\074\325\326\013\003\343
\127\236\024\367\321\353\117\310\275\207\043\267\266\111\103\171
\205\134\272\353\222\013\241\306\350\150\250\114\026\261\032\231
\012\350\123\054\222\273\241\011\030\165\014\145\250\173\313\043
\267\032\302\050\205\303\033\377\320\053\142\357\244\173\011\221
\230\147\214\024\001\315\150\006\152\143\041\165\003\200\210\212
\156\201\306\205\362\251\244\055\347\364\245\044\020\107\203\312
\315\364\215\171\130\261\006\233\347\032\052\331\235\001\327\224
\175\355\003\112\312\360\333\350\251\001\076\365\126\231\311\036
\216\111\075\273\345\011\271\340\117\111\222\075\026\202\100\314
\314\131\306\346\072\355\022\056\151\074\154\225\261\375\252\035
\173\177\206\276\036\016\062\106\373\373\023\217\165\177\114\213
\113\106\143\376\000\064\100\160\301\303\271\241\335\246\160\342
\004\263\101\274\351\200\221\352\144\234\172\341\042\003\251\234
\156\157\016\145\117\154\207\207\136\363\156\240\371\165\245\233
\100\350\123\262\047\235\112\271\300\167\041\215\377\207\362\336
\274\214\357\027\337\267\111\013\321\362\156\060\013\032\016\116
\166\355\021\374\365\351\126\262\175\277\307\155\012\223\214\245
\320\300\266\035\276\072\116\224\242\327\156\154\013\302\212\174
\372\040\363\304\344\345\315\015\250\313\221\222\261\174\205\354
\265\024\151\146\016\202\347\315\316\310\055\246\121\177\041\301
\065\123\205\006\112\135\237\255\273\033\137\164

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "COMODO RSA Certification Authority"
Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
Serial Number:4c:aa:f9:ca:db:63:6f:e0:1f:f7:4e:d8:5b:03:86:9d
Subject: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
Not Valid Before: Tue Jan 19 00:00:00 2010
Not Valid After : Mon Jan 18 23:59:59 2038
Fingerprint (SHA-256):
52:F0:E1:C4:E5:8E:C6:29:29:1B:60:31:7F:07:46:71:B8:5D:7E:A8:0D:5B:07:27:34:63:53:4B:32:B4:02:34
Fingerprint (SHA1): AF:E5:D2:44:A8:D1:19:42:30:FF:47:9F:E2:F8:97:BB:CD:7A:8C:B4
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO RSA Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\257\345\322\104\250\321\031\102\060\377\107\237\342\370\227\273
\315\172\214\264

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\033\061\260\161\100\066\314\024\066\221\255\304\076\375\354\030
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\114\252\371\312\333\143\157\340\037\367\116\330\133\003
\206\235
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "USERTrust RSA Certification Authority"
#
# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
# Serial Number:01:fd:6d:30:fc:a3:ca:51:a8:1b:bc:64:0e:35:03:2d
# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
E7:93:C9:B0:2F:D8:AA:13:E2:1C:31:22:8A:CC:B0:81:19:64:3B:74:9C:89:89:64:B1:74:6D:46:C3:D4:CB:D2
# Fingerprint (SHA1): 2B:8F:1B:57:33:0D:BB:A2:D0:7A:6C:51:F7:0E:E9:0D:DA:B9:AD:8E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust RSA Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006

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\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065
\003\055

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\336\060\202\003\306\240\003\002\001\002\002\020\001
\375\155\060\374\243\312\121\250\033\274\144\016\065\003\055\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201
\210\061\013\060\011\006\003\125\004\006\023\002\125\123\061\023
\060\021\006\003\125\004\010\023\012\116\145\167\040\112\145\162
\163\145\171\061\024\060\022\006\003\125\004\007\023\013\112\145
\162\163\145\171\040\103\151\164\171\061\036\060\034\006\003\125
\004\012\023\025\124\150\145\040\125\123\105\122\124\122\125\123
\124\040\116\145\164\167\157\162\153\061\056\060\054\006\003\125
\004\003\023\045\125\123\105\122\124\162\165\163\164\040\122\123
\101\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\101\165\164\150\157\162\151\164\171\060\036\027\015\061\060\060
\062\060\061\060\060\060\060\060\132\027\015\063\070\060\061
\061\070\062\063\065\071\065\071\132\060\201\210\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125
\004\010\023\012\116\145\167\040\112\145\162\163\145\171\061\024
\060\022\006\003\125\004\007\023\013\112\145\162\163\145\171\040
\103\151\164\171\061\036\060\034\006\003\125\004\012\023\025\124
\150\145\040\125\123\105\122\124\122\125\123\124\040\116\145\164
\167\157\162\153\061\056\060\054\006\003\125\004\003\023\045\125
\123\105\122\124\162\165\163\164\040\122\123\101\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\200\022\145\027\066\016\303\333\010\263\320

\254\127\015\166\355\315\047\323\114\255\120\203\141\342\252\040
\115\011\055\144\011\334\316\211\237\314\075\251\354\366\317\301
\334\361\323\261\326\173\067\050\021\053\107\332\071\306\274\072
\031\264\137\246\275\175\235\243\143\102\266\166\362\251\073\053
\221\370\342\157\320\354\026\040\220\011\076\342\350\164\311\030
\264\221\324\142\144\333\177\243\006\361\210\030\152\220\042\074
\274\376\023\360\207\024\173\366\344\037\216\324\344\121\306\021
\147\106\010\121\313\206\024\124\077\274\063\376\176\154\234\377
\026\235\030\275\121\216\065\246\247\146\310\162\147\333\041\146
\261\324\233\170\003\300\120\072\350\314\360\334\274\236\114\376
\257\005\226\065\037\127\132\267\377\316\371\075\267\054\266\366
\124\335\310\347\022\072\115\256\114\212\267\134\232\264\267\040
\075\312\177\042\064\256\176\073\150\146\001\104\347\001\116\106
\123\233\063\140\367\224\276\123\067\220\163\103\363\062\303\123
\357\333\252\376\164\116\151\307\153\214\140\223\336\304\307\014
\337\341\062\256\314\223\073\121\170\225\147\213\356\075\126\376
\014\320\151\017\033\017\363\045\046\153\063\155\367\156\107\372
\163\103\345\176\016\245\146\261\051\174\062\204\143\125\211\304
\015\301\223\124\060\031\023\254\323\175\067\247\353\135\072\154
\065\134\333\101\327\022\332\251\111\013\337\330\200\212\011\223
\142\216\265\146\317\045\210\315\204\270\261\077\244\071\017\331
\002\236\353\022\114\225\174\363\153\005\251\136\026\203\314\270
\147\342\350\023\235\314\133\202\323\114\263\355\133\377\336\345
\163\254\043\073\055\000\277\065\125\164\011\111\330\111\130\032
\177\222\066\346\121\222\016\363\046\175\034\115\027\274\311\354
\103\046\320\277\101\137\100\251\104\104\364\231\347\127\207\236
\120\037\127\124\250\076\375\164\143\057\261\120\145\011\346\130
\102\056\103\032\114\264\360\045\107\131\372\004\036\223\324\046
\106\112\120\201\262\336\276\170\267\374\147\025\341\311\127\204
\036\017\143\326\351\142\272\326\137\125\056\352\134\306\050\010
\004\045\071\270\016\053\251\362\114\227\034\007\077\015\122\365
\355\357\057\202\017\002\003\001\000\001\243\102\060\100\060\035
\006\003\125\035\016\004\026\004\024\123\171\277\132\252\053\112
\317\124\200\341\330\233\300\235\362\262\003\146\313\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015
\006\011\052\206\110\206\367\015\001\001\014\005\000\003\202\002
\001\000\134\324\174\015\317\367\001\175\101\231\145\014\163\305
\122\237\313\370\317\231\006\177\033\332\103\025\237\236\002\125
\127\226\024\361\122\074\047\207\224\050\355\037\072\001\067\242
\166\374\123\120\300\204\233\306\153\116\272\214\041\117\242\216
\125\142\221\363\151\025\330\274\210\343\304\252\013\375\357\250
\351\113\125\052\006\040\155\125\170\051\031\356\137\060\134\113
\044\021\125\377\044\232\156\136\052\053\356\013\115\237\177\367
\001\070\224\024\225\103\007\011\373\140\251\356\034\253\022\214
\240\232\136\247\230\152\131\155\213\077\010\373\310\321\105\257
\030\025\144\220\022\017\163\050\056\305\342\044\116\374\130\354
\360\364\105\376\042\263\353\057\216\322\331\105\141\005\301\227

\157\250\166\162\217\213\214\066\257\277\015\005\316\161\215\346
\246\157\037\154\246\161\142\305\330\320\203\162\014\361\147\021
\211\014\234\023\114\162\064\337\274\325\161\337\252\161\335\341
\271\154\214\074\022\135\145\332\275\127\022\266\103\153\377\345
\336\115\146\021\121\317\231\256\354\027\266\350\161\221\214\336
\111\376\335\065\161\242\025\047\224\034\317\141\343\046\273\157
\243\147\045\041\135\346\335\035\013\056\150\033\073\202\257\354
\203\147\205\324\230\121\164\261\271\231\200\211\377\177\170\031
\134\171\112\140\056\222\100\256\114\067\052\054\311\307\142\310
\016\135\367\066\133\312\340\045\045\001\264\335\032\007\234\167
\000\077\320\334\325\354\075\324\372\273\077\314\205\326\157\177
\251\055\337\271\002\367\365\227\232\265\065\332\303\147\260\207
\112\251\050\236\043\216\377\134\047\153\341\260\117\363\007\356
\000\056\324\131\207\313\122\101\225\352\364\107\327\356\144\101
\125\174\215\131\002\225\335\142\235\302\271\356\132\050\164\204
\245\233\267\220\307\014\007\337\365\211\066\164\062\326\050\301
\260\260\013\340\234\114\303\034\326\374\343\151\265\107\106\201
\057\242\202\253\323\143\104\160\304\215\377\055\063\272\255\217
\173\265\160\210\256\076\031\317\100\050\330\374\310\220\273\135
\231\042\365\122\346\130\305\037\210\061\103\356\210\035\327\306
\216\074\103\152\035\247\030\336\175\075\026\361\142\371\312\220
\250\375

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "USERTrust RSA Certification Authority"

Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

Serial Number:01:fd:6d:30:fc:a3:ca:51:a8:1b:bc:64:0e:35:03:2d

Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

Not Valid Before: Mon Feb 01 00:00:00 2010

Not Valid After : Mon Jan 18 23:59:59 2038

Fingerprint (SHA-256):

E7:93:C9:B0:2F:D8:AA:13:E2:1C:31:22:8A:CC:B0:81:19:64:3B:74:9C:89:89:64:B1:74:6D:46:C3:D4:CB:D2

Fingerprint (SHA1): 2B:8F:1B:57:33:0D:BB:A2:D0:7A:6C:51:F7:0E:E9:0D:DA:B9:AD:8E

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "USERTrust RSA Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\053\217\033\127\063\015\273\242\320\172\154\121\367\016\351\015
\332\271\255\216

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\033\376\151\321\221\267\031\063\243\162\250\017\341\125\345\265

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065
\003\055

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "USERTrust ECC Certification Authority"

#

Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

Serial Number:5c:8b:99:c5:5a:94:c5:d2:71:56:de:cd:89:80:cc:26

Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

Not Valid Before: Mon Feb 01 00:00:00 2010

Not Valid After : Mon Jan 18 23:59:59 2038

Fingerprint (SHA-256):

4F:F4:60:D5:4B:9C:86:DA:BF:BC:FC:57:12:E0:40:0D:2B:ED:3F:BC:4D:4F:BD:AA:86:E0:6A:DC:D2:A9:AD:7A

Fingerprint (SHA1): D1:CB:CA:5D:B2:D5:2A:7F:69:3B:67:4D:E5:F0:5A:1D:0C:95:7D:F0

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "USERTrust ECC Certification Authority"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006

\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200
\314\046

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\217\060\202\002\025\240\003\002\001\002\002\020\134
\213\231\305\132\224\305\322\161\126\336\315\211\200\314\046\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\210\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\023\060\021\006
\003\125\004\010\023\012\116\145\167\040\112\145\162\163\145\171
\061\024\060\022\006\003\125\004\007\023\013\112\145\162\163\145
\171\040\103\151\164\171\061\036\060\034\006\003\125\004\012\023
\025\124\150\145\040\125\123\105\122\124\122\125\123\124\040\116
\145\164\167\157\162\153\061\056\060\054\006\003\125\004\003\023
\045\125\123\105\122\124\162\165\163\164\040\105\103\103\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\060\036\027\015\061\060\060\062\060\061
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062
\063\065\071\065\071\132\060\201\210\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\023\060\021\006\003\125\004\010\023
\012\116\145\167\040\112\145\162\163\145\171\061\024\060\022\006
\003\125\004\007\023\013\112\145\162\163\145\171\040\103\151\164
\171\061\036\060\034\006\003\125\004\012\023\025\124\150\145\040
\125\123\105\122\124\122\125\123\124\040\116\145\164\167\157\162
\153\061\056\060\054\006\003\125\004\003\023\045\125\123\105\122
\124\162\165\163\164\040\105\103\103\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\032\254\124\132\251\371\150
\043\347\172\325\044\157\123\306\132\330\113\253\306\325\266\321
\346\163\161\256\335\234\326\014\141\375\333\240\211\003\270\005
\024\354\127\316\356\135\077\342\041\263\316\367\324\212\171\340

\243\203\176\055\227\320\141\304\361\231\334\045\221\143\253\177
\060\243\264\160\342\307\241\063\234\363\277\056\134\123\261\137
\263\175\062\177\212\064\343\171\171\243\102\060\100\060\035\006
\003\125\035\016\004\026\004\024\072\341\011\206\324\317\031\302
\226\166\164\111\166\334\340\065\306\143\143\232\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\012\006
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\060
\066\147\241\026\010\334\344\227\000\101\035\116\276\341\143\001
\317\073\252\102\021\144\240\235\224\071\002\021\171\134\173\035
\372\144\271\356\026\102\263\277\212\302\011\304\354\344\261\115
\002\061\000\351\052\141\107\214\122\112\113\116\030\160\366\326
\104\326\156\365\203\272\155\130\275\044\331\126\110\352\357\304
\242\106\201\210\152\072\106\321\251\233\115\311\141\332\321\135
\127\152\030

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "USERTrust ECC Certification Authority"

Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

Serial Number:5c:8b:99:c5:5a:94:c5:d2:71:56:de:cd:89:80:cc:26

Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

Not Valid Before: Mon Feb 01 00:00:00 2010

Not Valid After : Mon Jan 18 23:59:59 2038

Fingerprint (SHA-256):

4F:F4:60:D5:4B:9C:86:DA:BF:BC:FC:57:12:E0:40:0D:2B:ED:3F:BC:4D:4F:BD:AA:86:E0:6A:DC:D2:A9:AD:7A

Fingerprint (SHA1): D1:CB:CA:5D:B2:D5:2A:7F:69:3B:67:4D:E5:F0:5A:1D:0C:95:7D:F0

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "USERTrust ECC Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\321\313\312\135\262\325\052\177\151\073\147\115\345\360\132\035
\014\225\175\360

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\372\150\274\331\265\177\255\375\311\035\006\203\050\314\044\301

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006

```
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200
\314\046
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "GlobalSign ECC Root CA - R5"

#

Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5

Serial Number:60:59:49:e0:26:2e:bb:55:f9:0a:77:8a:71:f9:4a:d8:6c

Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5

Not Valid Before: Tue Nov 13 00:00:00 2012

Not Valid After : Tue Jan 19 03:14:07 2038

Fingerprint (SHA-256):

17:9F:BC:14:8A:3D:D0:0F:D2:4E:A1:34:58:CC:43:BF:A7:F5:9C:81:82:D7:83:A5:13:F6:EB:EC:10:0C:89:24

Fingerprint (SHA1): 1F:24:C6:30:CD:A4:18:EF:20:69:FF:AD:4F:DD:5F:46:3A:1B:69:AA

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GlobalSign ECC Root CA - R5"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371
\112\330\154

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\036\060\202\001\244\240\003\002\001\002\002\021\140
\131\111\340\046\056\273\125\371\012\167\212\161\371\112\330\154
\060\012\006\010\052\206\110\316\075\004\003\003\060\120\061\044
\060\042\006\003\125\004\013\023\033\107\154\157\142\141\154\123
\151\147\156\040\105\103\103\040\122\157\157\164\040\103\101\040
\055\040\122\065\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156\060\036
\027\015\061\062\061\061\061\063\060\060\060\060\060\132\027
\015\063\070\060\061\061\071\060\063\061\064\060\067\132\060\120
\061\044\060\042\006\003\125\004\013\023\033\107\154\157\142\141
\154\123\151\147\156\040\105\103\103\040\122\157\157\164\040\103
\101\040\055\040\122\065\061\023\060\021\006\003\125\004\012\023
\012\107\154\157\142\141\154\123\151\147\156\061\023\060\021\006
\003\125\004\003\023\012\107\154\157\142\141\154\123\151\147\156
\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053
\201\004\000\042\003\142\000\004\107\105\016\226\373\175\135\277
\351\071\321\041\370\237\013\266\325\173\036\222\072\110\131\034
\360\142\061\055\300\172\050\376\032\247\134\263\266\314\227\347
\105\324\130\372\321\167\155\103\242\300\207\145\064\012\037\172
\335\353\074\063\241\305\235\115\244\157\101\225\070\177\311\036
\204\353\321\236\111\222\207\224\207\014\072\205\112\146\237\235
\131\223\115\227\141\006\206\112\243\102\060\100\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006
\003\125\035\016\004\026\004\024\075\346\051\110\233\352\007\312
\041\104\112\046\336\156\336\322\203\320\237\131\060\012\006\010
\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061\000
\345\151\022\311\156\333\306\061\272\011\101\341\227\370\373\375
\232\342\175\022\311\355\174\144\323\313\005\045\213\126\331\240
\347\136\135\116\013\203\234\133\166\051\240\011\046\041\152\142
\002\060\161\322\265\217\134\352\073\341\170\011\205\250\165\222
\073\310\134\375\110\357\015\164\042\250\010\342\156\305\111\316
\307\014\274\247\141\151\361\367\073\341\052\313\371\053\363\146
\220\067

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "GlobalSign ECC Root CA - R5"

Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5

```
# Serial Number:60:59:49:e0:26:2e:bb:55:f9:0a:77:8a:71:f9:4a:d8:6c
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
17:9F:BC:14:8A:3D:D0:0F:D2:4E:A1:34:58:CC:43:BF:A7:F5:9C:81:82:D7:83:A5:13:F6:EB:EC:10:0C:89:24
# Fingerprint (SHA1): 1F:24:C6:30:CD:A4:18:EF:20:69:FF:AD:4F:DD:5F:46:3A:1B:69:AA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R5"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\037\044\306\060\315\244\030\357\040\151\377\255\117\335\137\106
\072\033\151\252
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\237\255\073\034\002\036\212\272\027\164\070\201\014\242\274\010
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371
\112\330\154
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Staat der Nederlanden Root CA - G3"
#
# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Serial Number: 10003001 (0x98a239)
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Not Valid Before: Thu Nov 14 11:28:42 2013
# Not Valid After : Mon Nov 13 23:00:00 2028
# Fingerprint (SHA-256):
3C:4F:B0:B9:5A:B8:B3:00:32:F4:32:B8:6F:53:5F:E1:72:C1:85:D0:FD:39:86:58:37:CF:36:18:7F:A6:F4:28
# Fingerprint (SHA1): D8:EB:6B:41:51:92:59:E0:F3:E7:85:00:C0:3D:B6:88:97:C9:EE:FC
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\242\071
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\164\060\202\003\134\240\003\002\001\002\002\004\000
\230\242\071\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\116
\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\061\053\060\051\006\003\125\004\003\014\042\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\040\122\157\157\164\040\103\101\040\055\040\107\063\060\036
\027\015\061\063\061\061\061\064\061\061\062\070\064\062\132\027
\015\062\070\061\061\061\063\062\063\060\060\060\060\132\060\132
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\036\060
\034\006\003\125\004\012\014\025\123\164\141\141\164\040\144\145
\162\040\116\145\144\145\162\154\141\156\144\145\156\061\053\060
\051\006\003\125\004\003\014\042\123\164\141\141\164\040\144\145
\162\040\116\145\144\145\162\154\141\156\144\145\156\040\122\157
\157\164\040\103\101\040\055\040\107\063\060\202\002\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002
\017\000\060\202\002\012\002\202\002\001\000\276\062\242\124\017
\160\373\054\134\131\353\154\304\244\121\350\205\052\263\314\112
\064\362\260\137\363\016\307\034\075\123\036\210\010\150\330\157
\075\255\302\236\314\202\147\007\047\207\150\161\072\237\165\226
\042\106\005\260\355\255\307\133\236\052\336\234\374\072\306\225
```


\247\365\027\147\030\347\057\111\010\014\134\317\346\314\064\355
\170\373\120\261\334\153\062\360\242\376\266\074\344\354\132\227
\307\077\036\160\010\060\240\334\305\263\155\157\320\202\162\021
\253\322\201\150\131\202\027\267\170\222\140\372\314\336\077\204
\353\215\070\063\220\012\162\043\372\065\314\046\161\061\321\162
\050\222\331\133\043\155\146\265\155\007\102\353\246\063\316\222
\333\300\366\154\143\170\315\312\116\075\265\345\122\233\361\276
\073\346\124\140\260\146\036\011\253\007\376\124\211\021\102\321
\367\044\272\140\170\032\230\367\311\021\375\026\301\065\032\124
\165\357\103\323\345\256\116\316\347\173\303\306\116\141\121\113
\253\232\105\113\241\037\101\275\110\123\025\161\144\013\206\263
\345\056\276\316\244\033\301\051\204\242\265\313\010\043\166\103
\042\044\037\027\004\324\156\234\306\374\177\053\146\032\354\212
\345\326\317\115\365\143\011\267\025\071\326\173\254\353\343\174
\351\116\374\165\102\310\355\130\225\014\006\102\242\234\367\344
\160\263\337\162\157\132\067\100\211\330\205\244\327\361\013\336
\103\031\324\112\130\054\214\212\071\236\277\204\207\361\026\073
\066\014\351\323\264\312\154\031\101\122\011\241\035\260\152\277
\202\357\160\121\041\062\334\005\166\214\313\367\144\344\003\120
\257\214\221\147\253\305\362\356\130\330\336\276\367\347\061\317
\154\311\073\161\301\325\210\265\145\274\300\350\027\027\007\022
\265\134\322\253\040\223\264\346\202\203\160\066\305\315\243\215
\255\213\354\243\301\103\207\346\103\342\064\276\225\213\065\355
\007\071\332\250\035\172\237\066\236\022\260\014\145\022\220\025
\140\331\046\100\104\343\126\140\245\020\324\152\074\375\101\334
\016\132\107\266\357\227\141\165\117\331\376\307\262\035\324\355
\135\111\263\251\152\313\146\204\023\325\134\240\334\337\156\167
\006\321\161\165\310\127\157\257\017\167\133\002\003\001\000\001
\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024
\124\255\372\307\222\127\256\312\065\234\056\022\373\344\272\135
\040\334\224\127\060\015\006\011\052\206\110\206\367\015\001\001
\013\005\000\003\202\002\001\000\060\231\235\005\062\310\136\016
\073\230\001\072\212\244\347\007\367\172\370\347\232\337\120\103
\123\227\052\075\312\074\107\230\056\341\025\173\361\222\363\141
\332\220\045\026\145\300\237\124\135\016\003\073\133\167\002\234
\204\266\015\230\137\064\335\073\143\302\303\050\201\302\234\051
\056\051\342\310\303\001\362\063\352\052\252\314\011\010\367\145
\147\306\315\337\323\266\053\247\275\314\321\016\160\137\270\043
\321\313\221\116\012\364\310\172\345\331\143\066\301\324\337\374
\042\227\367\140\135\352\051\057\130\262\275\130\275\215\226\117
\020\165\277\110\173\075\121\207\241\074\164\042\302\374\007\177
\200\334\304\254\376\152\301\160\060\260\351\216\151\342\054\151
\201\224\011\272\335\376\115\300\203\214\224\130\300\106\040\257
\234\037\002\370\065\125\111\057\106\324\300\360\240\226\002\017
\063\305\161\363\236\043\175\224\267\375\072\323\011\203\006\041
\375\140\075\256\062\300\322\356\215\246\360\347\264\202\174\012

```
\314\160\311\171\200\370\376\114\367\065\204\031\212\061\373\012
\331\327\177\233\360\242\232\153\303\005\112\355\101\140\024\060
\321\252\021\102\156\323\043\002\004\013\306\145\335\335\122\167
\332\201\153\262\250\372\001\070\271\226\352\052\154\147\227\211
\224\236\274\341\124\325\344\152\170\357\112\275\053\232\075\100
\176\306\300\165\322\156\373\150\060\354\354\213\235\371\111\065
\232\032\054\331\263\225\071\325\036\222\367\246\271\145\057\345
\075\155\072\110\114\010\334\344\050\022\050\276\175\065\134\352
\340\026\176\023\033\152\327\076\327\236\374\055\165\262\301\024
\325\043\003\333\133\157\013\076\170\057\015\336\063\215\026\267
\110\347\203\232\201\017\173\301\103\115\125\004\027\070\112\121
\325\131\242\211\164\323\237\276\036\113\327\306\155\267\210\044
\157\140\221\244\202\205\133\126\101\274\320\104\253\152\023\276
\321\054\130\267\022\063\130\262\067\143\334\023\365\224\035\077
\100\121\365\117\365\072\355\310\305\353\302\036\035\026\225\172
\307\176\102\161\223\156\113\025\267\060\337\252\355\127\205\110
\254\035\152\335\071\151\344\341\171\170\276\316\005\277\241\014
\367\200\173\041\147\047\060\131
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Staat der Nederlanden Root CA - G3"
```

```
# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
```

```
# Serial Number: 10003001 (0x98a239)
```

```
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
```

```
# Not Valid Before: Thu Nov 14 11:28:42 2013
```

```
# Not Valid After : Mon Nov 13 23:00:00 2028
```

```
# Fingerprint (SHA-256):
```

```
3C:4F:B0:B9:5A:B8:B3:00:32:F4:32:B8:6F:53:5F:E1:72:C1:85:D0:FD:39:86:58:37:CF:36:18:7F:A6:F4:28
```

```
# Fingerprint (SHA1): D8:EB:6B:41:51:92:59:E0:F3:E7:85:00:C0:3D:B6:88:97:C9:EE:FC
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\330\353\153\101\121\222\131\340\363\347\205\000\300\075\266\210
\227\311\356\374
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\013\106\147\007\333\020\057\031\214\065\120\140\321\013\364\067
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
```

```

\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\242\071
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Staat der Nederlanden EV Root CA"
#
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Serial Number: 10000013 (0x98968d)
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Dec 08 11:19:29 2010
# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
4D:24:91:41:4C:FE:95:67:46:EC:4C:EF:A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A:90:7A:C4:CB:5D:AD:C1:5A
# Fingerprint (SHA1): 76:E2:7E:C1:4F:DB:82:C1:C0:A6:75:B5:05:BE:3D:29:B4:ED:DB:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\215

```

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\160\060\202\003\130\240\003\002\001\002\002\004\000
\230\226\215\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\130\061\013\060\011\006\003\125\004\006\023\002\116
\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\061\051\060\047\006\003\125\004\003\014\040\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\040\105\126\040\122\157\157\164\040\103\101\060\036\027\015
\061\060\061\062\060\070\061\061\061\061\061\061\061\061\061\061\061
\062\061\062\060\070\061\061\061\060\062\070\132\060\130\061\013
\060\011\006\003\125\004\006\023\002\116\114\061\036\060\034\006
\003\125\004\012\014\025\123\164\141\141\164\040\144\145\162\040
\116\145\144\145\162\154\141\156\144\145\156\061\051\060\047\006
\003\125\004\003\014\040\123\164\141\141\164\040\144\145\162\040
\116\145\144\145\162\154\141\156\144\145\156\040\105\126\040\122
\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\343\307\176\211\371\044\113\072\322
\063\203\065\054\151\354\334\011\244\343\121\250\045\053\171\270
\010\075\340\221\272\204\205\306\205\244\312\346\311\056\123\244
\311\044\036\375\125\146\161\135\054\305\140\150\004\267\331\302
\122\046\070\210\244\326\073\100\246\302\315\077\315\230\223\263
\124\024\130\226\125\325\120\376\206\255\244\143\177\134\207\366
\216\346\047\222\147\027\222\002\003\054\334\326\146\164\355\335
\147\377\301\141\215\143\117\017\233\155\027\060\046\357\253\322
\037\020\240\371\305\177\026\151\201\003\107\355\036\150\215\162
\241\115\262\046\306\272\154\137\155\326\257\321\261\023\216\251
\255\363\136\151\165\046\030\076\101\053\041\177\356\213\135\007
\006\235\103\304\051\012\053\374\052\076\206\313\074\203\072\371
\311\015\332\305\231\342\274\170\101\063\166\341\277\057\135\345
\244\230\120\014\025\335\340\372\234\177\070\150\320\262\246\172
\247\321\061\275\176\212\130\047\103\263\272\063\221\323\247\230
\025\134\232\346\323\017\165\331\374\101\230\227\076\252\045\333
\217\222\056\260\173\014\137\361\143\251\067\371\233\165\151\114
\050\046\045\332\325\362\022\160\105\125\343\337\163\136\067\365
\041\154\220\216\065\132\311\323\043\353\323\300\276\170\254\102
\050\130\146\245\106\155\160\002\327\020\371\113\124\374\135\206
\112\207\317\177\312\105\254\021\132\265\040\121\215\057\210\107
\227\071\300\317\272\300\102\001\100\231\110\041\013\153\247\322
\375\226\325\321\276\106\235\111\340\013\246\240\042\116\070\320
\301\074\060\274\160\217\054\165\314\320\305\214\121\073\075\224
\010\144\046\141\175\271\303\145\217\024\234\041\320\252\375\027
\162\003\217\275\233\214\346\136\123\236\271\235\357\202\273\341
\274\342\162\101\133\041\224\323\105\067\224\321\337\011\071\135
\347\043\252\232\035\312\155\250\012\206\205\212\202\276\102\007
\326\362\070\202\163\332\207\133\345\074\323\236\076\247\073\236

\364\003\263\371\361\175\023\164\002\377\273\241\345\372\000\171
\034\246\146\101\210\134\140\127\246\056\011\304\272\375\232\317
\247\037\100\303\273\314\132\012\125\113\073\070\166\121\270\143
\213\204\224\026\346\126\363\002\003\001\000\001\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\035\006\003\125\035\016\004\026\004\024\376\253\000\220
\230\236\044\374\251\314\032\212\373\047\270\277\060\156\250\073
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\002\001\000\317\167\054\156\126\276\116\263\266\204\000\224
\253\107\311\015\322\166\307\206\237\035\007\323\266\264\273\010
\170\257\151\322\013\111\336\063\305\254\255\302\210\002\175\006
\267\065\002\301\140\311\277\304\350\224\336\324\323\251\023\045
\132\376\156\242\256\175\005\334\175\363\154\360\176\246\215\356
\331\327\316\130\027\350\251\051\256\163\110\207\347\233\312\156
\051\241\144\137\031\023\367\256\006\020\377\121\306\233\115\125
\045\117\223\231\020\001\123\165\361\023\316\307\246\101\101\322
\277\210\245\177\105\374\254\270\245\265\063\014\202\304\373\007
\366\152\345\045\204\137\006\312\301\206\071\021\333\130\315\167
\073\054\302\114\017\136\232\343\360\253\076\141\033\120\044\302
\300\364\361\031\360\021\051\266\245\030\002\233\327\143\114\160
\214\107\243\003\103\134\271\135\106\240\015\157\377\131\216\276
\335\237\162\303\133\053\337\214\133\316\345\014\106\154\222\262
\012\243\114\124\102\030\025\022\030\275\332\374\272\164\156\377
\301\266\240\144\330\251\137\125\256\237\134\152\166\226\330\163
\147\207\373\115\177\134\356\151\312\163\020\373\212\251\375\236
\275\066\070\111\111\207\364\016\024\360\351\207\270\077\247\117
\172\132\216\171\324\223\344\273\150\122\204\254\154\351\363\230
\160\125\162\062\371\064\253\053\111\265\315\040\142\344\072\172
\147\143\253\226\334\155\256\227\354\374\237\166\126\210\056\146
\317\133\266\311\244\260\327\005\272\341\047\057\223\273\046\052
\242\223\260\033\363\216\276\035\100\243\271\066\217\076\202\032
\032\136\210\352\120\370\131\342\203\106\051\013\343\104\134\341
\225\266\151\220\232\024\157\227\256\201\317\150\357\231\232\276
\265\347\341\177\370\372\023\107\026\114\314\155\010\100\347\213
\170\157\120\202\104\120\077\146\006\212\253\103\204\126\112\017
\040\055\206\016\365\322\333\322\172\212\113\315\245\350\116\361
\136\046\045\001\131\043\240\176\322\366\176\041\127\327\047\274
\025\127\114\244\106\301\340\203\036\014\114\115\037\117\006\031
\342\371\250\364\072\202\241\262\171\103\171\326\255\157\172\047
\220\003\244\352\044\207\077\331\275\331\351\362\137\120\111\034
\356\354\327\056

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Staat der Nederlanden EV Root CA"

```
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Serial Number: 10000013 (0x98968d)
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Dec 08 11:19:29 2010
# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
4D:24:91:41:4C:FE:95:67:46:EC:4C:EF:A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A:90:7A:C4:CB:5D:AD:C1:5A
# Fingerprint (SHA1): 76:E2:7E:C1:4F:DB:82:C1:C0:A6:75:B5:05:BE:3D:29:B4:ED:DB:BB
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\166\342\176\301\117\333\202\301\300\246\165\265\005\276\075\051
\264\355\333\273
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\374\006\257\173\350\032\361\232\264\350\322\160\037\300\365\272
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\215
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "IdenTrust Commercial Root CA 1"
#
# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02
# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 18:12:23 2014
# Not Valid After : Mon Jan 16 18:12:23 2034
# Fingerprint (SHA-256):
5D:56:49:9B:E4:D2:E0:8B:CF:CA:D0:8A:3E:38:72:3D:50:50:3B:DE:70:69:48:E4:2F:55:60:30:19:E5:28:AE
# Fingerprint (SHA1): DF:71:7E:AA:4A:D9:4E:C9:55:84:99:60:2D:48:DE:5F:BC:F0:3A:25
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Commercial Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000
\000\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\140\060\202\003\110\240\003\002\001\002\002\020\012
\001\102\200\000\000\001\105\043\310\104\265\000\000\000\002\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\112
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060
\020\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163
\164\061\047\060\045\006\003\125\004\003\023\036\111\144\145\156
\124\162\165\163\164\040\103\157\155\155\145\162\143\151\141\154
\040\122\157\157\164\040\103\101\040\061\060\036\027\015\061\064
\060\061\061\066\061\070\061\062\062\063\132\027\015\063\064\060
\061\061\066\061\070\061\062\062\063\132\060\112\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\022\060\020\006\003\125
\004\012\023\011\111\144\145\156\124\162\165\163\164\061\047\060
\045\006\003\125\004\003\023\036\111\144\145\156\124\162\165\163
\164\040\103\157\155\155\145\162\143\151\141\154\040\122\157\157
\164\040\103\101\040\061\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\247\120\031\336\077\231\075\324\063
\106\361\157\121\141\202\262\251\117\217\147\211\135\204\331\123
\335\014\050\331\327\360\377\256\225\103\162\231\371\265\135\174
\212\301\102\341\061\120\164\321\201\015\174\315\233\041\253\103
\342\254\255\136\206\156\363\011\212\037\132\062\275\242\353\224
\371\350\134\012\354\377\230\322\257\161\263\264\123\237\116\207
\357\222\274\275\354\117\062\060\210\113\027\136\127\304\123\302

\366\002\227\215\331\142\053\277\044\037\142\215\337\303\270\051
\113\111\170\074\223\140\210\042\374\231\332\066\310\302\242\324
\054\124\000\147\065\156\163\277\002\130\360\244\335\345\260\242
\046\172\312\340\066\245\031\026\365\375\267\357\256\077\100\365
\155\132\004\375\316\064\312\044\334\164\043\033\135\063\023\022
\135\304\001\045\366\060\335\002\135\237\340\325\107\275\264\353
\033\241\273\111\111\330\237\133\002\363\212\344\044\220\344\142
\117\117\301\257\213\016\164\027\250\321\162\210\152\172\001\111
\314\264\106\171\306\027\261\332\230\036\007\131\372\165\041\205
\145\335\220\126\316\373\253\245\140\235\304\235\371\122\260\213
\275\207\371\217\053\043\012\043\166\073\367\063\341\311\000\363
\151\371\113\242\340\116\274\176\223\071\204\007\367\104\160\176
\376\007\132\345\261\254\321\030\314\362\065\345\111\111\010\312
\126\311\075\373\017\030\175\213\073\301\023\302\115\217\311\117
\016\067\351\037\241\016\152\337\142\056\313\065\006\121\171\054
\310\045\070\364\372\113\247\211\134\234\322\343\015\071\206\112
\164\174\325\131\207\302\077\116\014\134\122\364\075\367\122\202
\361\352\243\254\375\111\064\032\050\363\101\210\072\023\356\350
\336\377\231\035\137\272\313\350\036\362\271\120\140\300\061\323
\163\345\357\276\240\355\063\013\164\276\040\040\304\147\154\360
\010\003\172\125\200\177\106\116\226\247\364\036\076\341\366\330
\011\341\063\144\053\143\327\062\136\237\371\300\173\017\170\157
\227\274\223\232\371\234\022\220\170\172\200\207\025\327\162\164
\234\125\164\170\261\272\341\156\160\004\272\117\240\272\150\303
\173\377\061\360\163\075\075\224\052\261\013\101\016\240\376\115
\210\145\153\171\063\264\327\002\003\001\000\001\243\102\060\100
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\035\006\003\125\035\016\004\026\004\024\355\104\031\300
\323\360\006\213\356\244\173\276\102\347\046\124\310\216\066\166
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\002\001\000\015\256\220\062\366\246\113\174\104\166\031\141
\036\047\050\315\136\124\357\045\274\343\010\220\371\051\327\256
\150\010\341\224\000\130\357\056\056\176\123\122\214\266\134\007
\352\210\272\231\213\120\224\327\202\200\337\141\011\000\223\255
\015\024\346\316\301\362\067\224\170\260\137\234\263\242\163\270
\217\005\223\070\315\215\076\260\270\373\300\317\261\362\354\055
\055\033\314\354\252\232\263\252\140\202\033\055\073\303\204\075
\127\212\226\036\234\165\270\323\060\315\140\010\203\220\323\216
\124\361\115\146\300\135\164\003\100\243\356\205\176\302\037\167
\234\006\350\301\247\030\135\122\225\355\311\335\045\236\155\372
\251\355\243\072\064\320\131\173\332\355\120\363\065\277\355\353
\024\115\061\307\140\364\332\361\207\234\342\110\342\306\305\067
\373\006\020\372\165\131\146\061\107\051\332\166\232\034\351\202
\256\357\232\271\121\367\210\043\232\151\225\142\074\345\125\200
\066\327\124\002\377\361\271\135\316\324\043\157\330\105\204\112
\133\145\357\211\014\335\024\247\040\313\030\245\045\264\015\371
\001\360\242\322\364\000\310\164\216\241\052\110\216\145\333\023


```
\304\342\045\027\175\353\276\207\133\027\040\124\121\223\112\123
\003\013\354\135\312\063\355\142\375\105\307\057\133\334\130\240
\200\071\346\372\327\376\023\024\246\355\075\224\112\102\164\324
\303\167\131\163\315\217\106\276\125\070\357\372\350\221\062\352
\227\130\004\042\336\070\303\314\274\155\311\063\072\152\012\151
\077\240\310\352\162\217\214\143\206\043\275\155\074\226\236\225
\340\111\114\252\242\271\052\033\234\066\201\170\355\303\350\106
\342\046\131\104\165\036\331\165\211\121\315\020\204\235\141\140
\313\135\371\227\042\115\216\230\346\343\177\366\133\273\256\315
\312\112\201\153\136\013\363\121\341\164\053\351\176\047\247\331
\231\111\116\370\245\200\333\045\017\034\143\142\212\311\063\147
\153\074\020\203\306\255\336\250\315\026\216\215\360\007\067\161
\237\362\253\374\101\365\301\213\354\000\067\135\011\345\116\200
\357\372\261\134\070\006\245\033\112\341\334\070\055\074\334\253
\037\220\032\325\112\234\356\321\160\154\314\356\364\127\370\030
\272\204\156\207
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "IdenTrust Commercial Root CA 1"
```

```
# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
```

```
# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02
```

```
# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
```

```
# Not Valid Before: Thu Jan 16 18:12:23 2014
```

```
# Not Valid After : Mon Jan 16 18:12:23 2034
```

```
# Fingerprint (SHA-256):
```

```
5D:56:49:9B:E4:D2:E0:8B:CF:CA:D0:8A:3E:38:72:3D:50:50:3B:DE:70:69:48:E4:2F:55:60:30:19:E5:28:AE
```

```
# Fingerprint (SHA1): DF:71:7E:AA:4A:D9:4E:C9:55:84:99:60:2D:48:DE:5F:BC:F0:3A:25
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "IdenTrust Commercial Root CA 1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\337\161\176\252\112\331\116\311\125\204\231\140\055\110\336\137
\274\360\072\045
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\263\076\167\163\165\356\240\323\343\176\111\143\111\131\273\307
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\103\101\040\061
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000
\000\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "IdenTrust Public Sector Root CA 1"
#
# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02
# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 17:53:32 2014
# Not Valid After : Mon Jan 16 17:53:32 2034
# Fingerprint (SHA-256):
30:D0:89:5A:9A:44:8A:26:20:91:63:55:22:D1:F5:20:10:B5:86:7A:CA:E1:2C:78:EF:95:8F:D4:F4:38:9F:2F
# Fingerprint (SHA1): BA:29:41:60:77:98:3F:F4:F3:EF:F2:31:05:3B:2E:EA:6D:4D:45:FD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
\000\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\146\060\202\003\116\240\003\002\001\002\002\020\012

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\001\102\200\000\000\001\105\043\317\106\174\000\000\000\002\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\115
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060
\020\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163
\164\061\052\060\050\006\003\125\004\003\023\041\111\144\145\156
\124\162\165\163\164\040\120\165\142\154\151\143\040\123\145\143
\164\157\162\040\122\157\157\164\040\103\101\040\061\060\036\027
\015\061\064\060\061\061\066\061\067\065\063\063\062\132\027\015
\063\064\060\061\061\066\061\067\065\063\063\062\132\060\115\061
\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060\020
\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163\164
\061\052\060\050\006\003\125\004\003\023\041\111\144\145\156\124
\162\165\163\164\040\120\165\142\154\151\143\040\123\145\143\164
\157\162\040\122\157\157\164\040\103\101\040\061\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\266\042\224
\374\244\110\257\350\107\153\012\373\047\166\344\362\077\212\073
\172\112\054\061\052\214\215\260\251\303\061\153\250\167\166\204
\046\266\254\201\102\015\010\353\125\130\273\172\370\274\145\175
\362\240\155\213\250\107\351\142\166\036\021\356\010\024\321\262
\104\026\364\352\320\372\036\057\136\333\313\163\101\256\274\000
\260\112\053\100\262\254\341\073\113\302\055\235\344\241\233\354
\032\072\036\360\010\263\320\344\044\065\007\237\234\264\311\122
\155\333\007\312\217\265\133\360\203\363\117\307\055\245\310\255
\313\225\040\244\061\050\127\130\132\344\215\033\232\253\236\015
\014\362\012\063\071\042\071\012\227\056\363\123\167\271\104\105
\375\204\313\066\040\201\131\055\232\157\155\110\110\141\312\114
\337\123\321\257\122\274\104\237\253\057\153\203\162\357\165\200
\332\006\063\033\135\310\332\143\306\115\315\254\146\061\315\321
\336\076\207\020\066\341\271\244\172\357\140\120\262\313\312\246
\126\340\067\257\253\064\023\071\045\350\071\146\344\230\172\252
\022\230\234\131\146\206\076\255\361\260\312\076\006\017\173\360
\021\113\067\240\104\155\173\313\250\214\161\364\325\265\221\066
\314\360\025\306\053\336\121\027\261\227\114\120\075\261\225\131
\174\005\175\055\041\325\000\277\001\147\242\136\173\246\134\362
\367\042\361\220\015\223\333\252\104\121\146\314\175\166\003\353
\152\250\052\070\031\227\166\015\153\212\141\371\274\366\356\166
\375\160\053\335\051\074\370\012\036\133\102\034\213\126\057\125
\033\034\241\056\265\307\026\346\370\252\074\222\216\151\266\001
\301\265\206\235\211\017\013\070\224\124\350\352\334\236\075\045
\274\123\046\355\325\253\071\252\305\100\114\124\253\262\264\331
\331\370\327\162\333\034\274\155\275\145\137\357\210\065\052\146
\057\356\366\263\145\360\063\215\174\230\101\151\106\017\103\034
\151\372\233\265\320\141\152\315\312\113\331\114\220\106\253\025
\131\241\107\124\051\056\203\050\137\034\302\242\253\162\027\000
\006\216\105\354\213\342\063\075\177\332\031\104\344\142\162\303
\337\042\306\362\126\324\335\137\225\162\355\155\137\367\110\003
\133\375\305\052\240\366\163\043\204\020\033\001\347\002\003\001

\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\343\161\340\236\330\247\102\331\333\161\221\153\224\223
\353\303\243\321\024\243\060\015\006\011\052\206\110\206\367\015
\001\001\013\005\000\003\202\002\001\000\107\372\335\012\260\021
\221\070\255\115\135\367\345\016\227\124\031\202\110\207\124\214
\252\144\231\330\132\376\210\001\305\130\245\231\261\043\124\043
\267\152\035\040\127\345\001\142\101\027\323\011\333\165\313\156
\124\220\165\376\032\237\201\012\302\335\327\367\011\320\133\162
\025\344\036\011\152\075\063\363\041\232\346\025\176\255\121\325
\015\020\355\175\102\300\217\356\300\232\010\325\101\326\134\016
\041\151\156\200\141\016\025\300\270\317\305\111\022\122\314\276
\072\314\324\056\070\005\336\065\375\037\157\270\200\150\230\075
\115\240\312\100\145\322\163\174\365\213\331\012\225\077\330\077
\043\155\032\321\052\044\031\331\205\263\027\357\170\156\251\130
\321\043\323\307\023\355\162\045\177\135\261\163\160\320\177\006
\227\011\204\051\200\141\035\372\136\377\163\254\240\343\211\270
\034\161\025\306\336\061\177\022\334\341\155\233\257\347\350\237
\165\170\114\253\106\073\232\316\277\005\030\135\115\025\074\026
\232\031\120\004\232\262\232\157\145\213\122\137\074\130\004\050
\045\300\146\141\061\176\271\340\165\271\032\250\201\326\162\027
\263\305\003\061\065\021\170\170\242\340\351\060\214\177\200\337
\130\337\074\272\047\226\342\200\064\155\343\230\323\144\047\254
\110\176\050\167\134\306\045\141\045\370\205\014\145\372\304\062
\057\245\230\005\344\370\013\147\026\026\306\202\270\062\031\371
\371\271\171\334\037\315\353\257\253\016\335\033\333\105\344\172
\347\002\342\225\135\374\151\360\123\151\141\225\165\171\013\136
\125\346\070\034\224\251\131\063\236\310\161\164\171\177\121\211
\266\310\152\270\060\310\152\070\303\156\236\341\067\026\352\005
\142\114\133\022\107\355\247\264\263\130\126\307\111\363\177\022
\150\011\061\161\360\155\370\116\107\373\326\205\356\305\130\100
\031\244\035\247\371\113\103\067\334\150\132\117\317\353\302\144
\164\336\264\025\331\364\124\124\032\057\034\327\227\161\124\220
\216\331\040\235\123\053\177\253\217\342\352\060\274\120\067\357
\361\107\265\175\174\054\004\354\150\235\264\111\104\020\364\162
\113\034\144\347\374\346\153\220\335\151\175\151\375\000\126\245
\267\254\266\255\267\312\076\001\357\234

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "IdenTrust Public Sector Root CA 1"
Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02
Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
Not Valid Before: Thu Jan 16 17:53:32 2014

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# Not Valid After : Mon Jan 16 17:53:32 2034
# Fingerprint (SHA-256):
30:D0:89:5A:9A:44:8A:26:20:91:63:55:22:D1:F5:20:10:B5:86:7A:CA:E1:2C:78:EF:95:8F:D4:F4:38:9F:2F
# Fingerprint (SHA1): BA:29:41:60:77:98:3F:F4:F3:EF:F2:31:05:3B:2E:EA:6D:4D:45:FD
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\272\051\101\140\167\230\077\364\363\357\362\061\005\073\056\352
\155\115\105\375
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\067\006\245\260\374\211\235\272\364\153\214\032\144\315\325\272
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
\000\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority - G2"
#
# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number: 1246989352 (0x4a538c28)
# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Jul 07 17:25:54 2009
# Not Valid After : Sat Dec 07 17:55:54 2030
# Fingerprint (SHA-256):
43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41:10:3D:3A:A7:F3:39
# Fingerprint (SHA1): 8C:F4:27:FD:79:0C:3A:D1:66:06:8D:E8:1E:57:EF:BB:93:22:72:D4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

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CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\112\123\214\050
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\076\060\202\003\046\240\003\002\001\002\002\004\112
\123\214\050\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\201\276\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164
\162\165\163\164\054\040\111\156\143\056\061\050\060\046\006\003
\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156\164
\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055\164
\145\162\155\163\061\071\060\067\006\003\125\004\013\023\060\050
\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164\054
\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164\150
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\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061
\062\060\060\006\003\125\004\003\023\051\105\156\164\162\165\163
\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055
\040\107\062\060\036\027\015\060\071\060\067\060\067\061\067\062
\065\065\064\132\027\015\063\060\061\062\060\067\061\067\065\065
\065\064\132\060\201\276\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156
\164\162\165\163\164\054\040\111\156\143\056\061\050\060\046\006
\003\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156
\164\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055
\164\145\162\155\163\061\071\060\067\006\003\125\004\013\023\060
\050\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164
\054\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171
\061\062\060\060\006\003\125\004\003\023\051\105\156\164\162\165
\163\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040
\055\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012
\002\202\001\001\000\272\204\266\162\333\236\014\153\342\231\351
\060\001\247\166\352\062\270\225\101\032\311\332\141\116\130\162
\317\376\366\202\171\277\163\141\006\012\245\047\330\263\137\323
\105\116\034\162\326\116\062\362\162\212\017\367\203\031\320\152
\200\200\000\105\036\260\307\347\232\277\022\127\047\034\243\150
\057\012\207\275\152\153\016\136\145\363\034\167\325\324\205\215
\160\041\264\263\062\347\213\242\325\206\071\002\261\270\322\107
\316\344\311\111\304\073\247\336\373\124\175\127\276\360\350\156
\302\171\262\072\013\125\342\120\230\026\062\023\134\057\170\126
\301\302\224\263\362\132\344\047\232\237\044\327\306\354\320\233
\045\202\343\314\302\304\105\305\214\227\172\006\153\052\021\237
\251\012\156\110\073\157\333\324\021\031\102\367\217\007\277\365
\123\137\234\076\364\027\054\346\151\254\116\062\114\142\167\352
\267\350\345\273\064\274\031\213\256\234\121\347\267\176\265\123
\261\063\042\345\155\317\160\074\032\372\342\233\147\266\203\364
\215\245\257\142\114\115\340\130\254\144\064\022\003\370\266\215
\224\143\044\244\161\002\003\001\000\001\243\102\060\100\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\035\006\003\125\035\016\004\026\004\024\152\162\046\172\320\036
\357\175\347\073\151\121\324\154\215\237\220\022\146\253\060\015
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001
\001\000\171\237\035\226\306\266\171\077\042\215\207\323\207\003
\004\140\152\153\232\056\131\211\163\021\254\103\321\365\023\377
\215\071\053\300\362\275\117\160\214\251\057\352\027\304\013\124
\236\324\033\226\230\063\074\250\255\142\242\000\166\253\131\151
\156\006\035\176\304\271\104\215\230\257\022\324\141\333\012\031
\106\107\363\353\367\143\301\100\005\100\245\322\267\364\265\232

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\066\277\251\210\166\210\004\125\004\053\234\207\177\032\067\074
\176\055\245\032\330\324\211\136\312\275\254\075\154\330\155\257
\325\363\166\017\315\073\210\070\042\235\154\223\232\304\075\277
\202\033\145\077\246\017\135\252\374\345\262\025\312\265\255\306
\274\075\320\204\350\352\006\162\260\115\071\062\170\277\076\021
\234\013\244\235\232\041\363\360\233\013\060\170\333\301\334\207
\103\376\274\143\232\312\305\302\034\311\307\215\377\073\022\130
\010\346\266\075\354\172\054\116\373\203\226\316\014\074\151\207
\124\163\244\163\302\223\377\121\020\254\025\124\001\330\374\005
\261\211\241\177\164\203\232\111\327\334\116\173\212\110\157\213
\105\366
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END

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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Entrust Root Certification Authority - G2"
```

```
# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
```

```
# Serial Number: 1246989352 (0x4a538c28)
```

```
# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
```

```
# Not Valid Before: Tue Jul 07 17:25:54 2009
```

```
# Not Valid After : Sat Dec 07 17:55:54 2030
```

```
# Fingerprint (SHA-256):
```

```
43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41:10:3D:3A:A7:F3:39
```

```
# Fingerprint (SHA1): 8C:F4:27:FD:79:0C:3A:D1:66:06:8D:E8:1E:57:EF:BB:93:22:72:D4
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\214\364\047\375\171\014\072\321\146\006\215\350\036\127\357\273
\223\042\162\324
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\113\342\311\221\226\145\014\364\016\132\223\222\240\012\376\262
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
```



```
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\004\112\123\214\050
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Entrust Root Certification Authority - EC1"

#

Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9

Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

Not Valid Before: Tue Dec 18 15:25:36 2012

Not Valid After : Fri Dec 18 15:55:36 2037

Fingerprint (SHA-256):

02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E:B0:70:E5:6E:DF:F5

Fingerprint (SHA1): 20:D8:06:40:DF:9B:25:F5:12:25:3A:11:EA:F7:59:8A:EB:14:B5:47

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Entrust Root Certification Authority - EC1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\371\060\202\002\200\240\003\002\001\002\002\015\000
\246\213\171\051\000\000\000\000\120\320\221\371\060\012\006\010
\052\206\110\316\075\004\003\003\060\201\277\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\026\060\024\006\003\125\004
\012\023\015\105\156\164\162\165\163\164\054\040\111\156\143\056
\061\050\060\046\006\003\125\004\013\023\037\123\145\145\040\167
\167\167\056\145\156\164\162\165\163\164\056\156\145\164\057\154
\145\147\141\154\055\164\145\162\155\163\061\071\060\067\006\003
\125\004\013\023\060\050\143\051\040\062\060\061\062\040\105\156
\164\162\165\163\164\054\040\111\156\143\056\040\055\040\146\157
\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145
\040\157\156\154\171\061\063\060\061\006\003\125\004\003\023\052
\105\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\040\055\040\105\103\061\060\036\027\015\061\062
\061\062\061\070\061\065\062\065\063\066\132\027\015\063\067\061
\062\061\070\061\065\065\065\063\066\132\060\201\277\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\026\060\024\006\003
\125\004\012\023\015\105\156\164\162\165\163\164\054\040\111\156
\143\056\061\050\060\046\006\003\125\004\013\023\037\123\145\145
\040\167\167\167\056\145\156\164\162\165\163\164\056\156\145\164
\057\154\145\147\141\154\055\164\145\162\155\163\061\071\060\067
\006\003\125\004\013\023\060\050\143\051\040\062\060\061\062\040
\105\156\164\162\165\163\164\054\040\111\156\143\056\040\055\040
\146\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165
\163\145\040\157\156\154\171\061\063\060\061\006\003\125\004\003
\023\052\105\156\164\162\165\163\164\040\122\157\157\164\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164

```
\150\157\162\151\164\171\040\055\040\105\103\061\060\166\060\020
\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042
\003\142\000\004\204\023\311\320\272\155\101\173\342\154\320\353
\125\137\146\002\032\044\364\133\211\151\107\343\270\302\175\361
\362\002\305\237\240\366\133\325\213\006\031\206\117\123\020\155
\007\044\047\241\240\370\325\107\031\141\114\175\312\223\047\352
\164\014\357\157\226\011\376\143\354\160\135\066\255\147\167\256
\311\235\174\125\104\072\242\143\121\037\365\343\142\324\251\107
\007\076\314\040\243\102\060\100\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016
\004\026\004\024\267\143\347\032\335\215\351\010\246\125\203\244
\340\152\120\101\145\021\102\111\060\012\006\010\052\206\110\316
\075\004\003\003\003\147\000\060\144\002\060\141\171\330\345\102
\107\337\034\256\123\231\027\266\157\034\175\341\277\021\224\321
\003\210\165\344\215\211\244\212\167\106\336\155\141\357\002\365
\373\265\337\314\376\116\377\376\251\346\247\002\060\133\231\327
\205\067\006\265\173\010\375\353\047\213\112\224\371\341\372\247
\216\046\010\350\174\222\150\155\163\330\157\046\254\041\002\270
\231\267\046\101\133\045\140\256\320\110\032\356\006
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Entrust Root Certification Authority - EC1"
```

```
# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
```

```
# Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9
```

```
# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
```

```
# Not Valid Before: Tue Dec 18 15:25:36 2012
```

```
# Not Valid After : Fri Dec 18 15:55:36 2037
```

```
# Fingerprint (SHA-256):
```

```
02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E:B0:70:E5:6E:DF:F5
```

```
# Fingerprint (SHA1): 20:D8:06:40:DF:9B:25:F5:12:25:3A:11:EA:F7:59:8A:EB:14:B5:47
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Entrust Root Certification Authority - EC1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\040\330\006\100\337\233\045\365\022\045\072\021\352\367\131\212
\353\024\265\107
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\266\176\035\360\130\305\111\154\044\073\075\355\230\030\355\274
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "CFCA EV ROOT"

#

Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

Serial Number: 407555286 (0x184accd6)

Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

Not Valid Before: Wed Aug 08 03:07:01 2012

Not Valid After : Mon Dec 31 03:07:01 2029

Fingerprint (SHA-256):

5C:C3:D7:8E:4E:1D:5E:45:54:7A:04:E6:87:3E:64:F9:0C:F9:53:6D:1C:CC:2E:F8:00:F3:55:C4:C5:FD:70:FD

Fingerprint (SHA1): E2:B8:29:4B:55:84:AB:6B:58:C2:90:46:6C:AC:3F:B8:39:8F:84:83

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "CFCA EV ROOT"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101
\040\105\126\040\122\117\117\124
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101
\040\105\126\040\122\117\117\124

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\030\112\314\326

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\215\060\202\003\165\240\003\002\001\002\002\004\030
\112\314\326\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\126\061\013\060\011\006\003\125\004\006\023\002\103
\116\061\060\060\056\006\003\125\004\012\014\047\103\150\151\156
\141\040\106\151\156\141\156\143\151\141\154\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\061\025\060\023\006\003\125\004\003\014\014\103\106
\103\101\040\105\126\040\122\117\117\124\060\036\027\015\061\062
\060\070\060\070\060\063\060\067\060\061\132\027\015\062\071\061
\062\063\061\060\063\060\067\060\061\132\060\126\061\013\060\011
\006\003\125\004\006\023\002\103\116\061\060\060\056\006\003\125
\004\012\014\047\103\150\151\156\141\040\106\151\156\141\156\143
\151\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\025\060\023\006
\003\125\004\003\014\014\103\106\103\101\040\105\126\040\122\117
\117\124\060\202\002\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202
\002\001\000\327\135\153\315\020\077\037\005\131\325\005\115\067
\261\016\354\230\053\216\025\035\372\223\113\027\202\041\161\020
\122\327\121\144\160\026\302\125\151\115\216\025\155\237\277\014
\033\302\340\243\147\326\014\254\317\042\256\257\167\124\052\113
\114\212\123\122\172\303\356\056\336\263\161\045\301\351\135\075
\356\241\057\243\367\052\074\311\043\035\152\253\035\241\247\361
\363\354\240\325\104\317\025\317\162\057\035\143\227\350\231\371
\375\223\244\124\200\114\122\324\122\253\056\111\337\220\315\270
\137\276\077\336\241\312\115\040\324\045\350\204\051\123\267\261
\210\037\377\372\332\220\237\012\251\055\101\077\261\361\030\051
\356\026\131\054\064\111\032\250\006\327\250\210\322\003\162\172
\062\342\352\150\115\156\054\226\145\173\312\131\372\362\342\335
\356\060\054\373\314\106\254\304\143\353\157\177\066\053\064\163
\022\224\177\337\314\046\236\361\162\135\120\145\131\217\151\263
\207\136\062\157\303\030\212\265\225\217\260\172\067\336\132\105
\073\307\066\341\357\147\321\071\323\227\133\163\142\031\110\055
\207\034\006\373\164\230\040\111\163\360\005\322\033\261\240\243
\267\033\160\323\210\151\271\132\326\070\364\142\334\045\213\170

\277\370\350\176\270\134\311\225\117\137\247\055\271\040\153\317
\153\335\365\015\364\202\267\364\262\146\056\020\050\366\227\132
\173\226\026\217\001\031\055\154\156\177\071\130\006\144\203\001
\203\203\303\115\222\335\062\306\207\244\067\351\026\316\252\055
\150\257\012\201\145\072\160\301\233\255\115\155\124\312\052\055
\113\205\033\263\200\346\160\105\015\153\136\065\360\177\073\270
\234\344\004\160\211\022\045\223\332\012\231\042\140\152\143\140
\116\166\006\230\116\275\203\255\035\130\212\045\205\322\307\145
\036\055\216\306\337\266\306\341\177\212\004\041\025\051\164\360
\076\234\220\235\014\056\361\212\076\132\252\014\011\036\307\325
\074\243\355\227\303\036\064\372\070\371\010\016\343\300\135\053
\203\321\126\152\311\266\250\124\123\056\170\062\147\075\202\177
\164\320\373\341\266\005\140\271\160\333\216\013\371\023\130\157
\161\140\020\122\020\271\301\101\011\357\162\037\147\061\170\377
\226\005\215\002\003\001\000\001\243\143\060\141\060\037\006\003
\125\035\043\004\030\060\026\200\024\343\376\055\375\050\320\013
\265\272\266\242\304\277\006\252\005\214\223\373\057\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035
\006\003\125\035\016\004\026\004\024\343\376\055\375\050\320\013
\265\272\266\242\304\277\006\252\005\214\223\373\057\060\015\006
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001
\000\045\306\272\153\353\207\313\336\202\071\226\075\360\104\247
\153\204\163\003\336\235\053\117\272\040\177\274\170\262\317\227
\260\033\234\363\327\171\056\365\110\266\322\373\027\210\346\323
\172\077\355\123\023\320\342\057\152\171\313\000\043\050\346\036
\067\127\065\211\204\302\166\117\064\066\255\147\303\316\101\006
\210\305\367\356\330\032\270\326\013\177\120\377\223\252\027\113
\214\354\355\122\140\262\244\006\352\116\353\364\153\031\375\353
\365\032\340\045\052\232\334\307\101\066\367\310\164\005\204\071
\225\071\326\013\073\244\047\372\010\330\134\036\370\004\140\122
\021\050\050\003\377\357\123\146\000\245\112\064\026\146\174\375
\011\244\256\236\147\032\157\101\013\153\006\023\233\217\206\161
\005\264\057\215\211\146\063\051\166\124\232\021\370\047\372\262
\077\221\340\316\015\033\363\060\032\255\277\042\135\033\323\277
\045\005\115\341\222\032\177\231\237\074\104\223\312\324\100\111
\154\200\207\327\004\072\303\062\122\065\016\126\370\245\335\175
\304\213\015\021\037\123\313\036\262\027\266\150\167\132\340\324
\313\310\007\256\365\072\056\216\067\267\320\001\113\103\051\167
\214\071\227\217\202\132\370\121\345\211\240\030\347\150\177\135
\012\056\373\243\107\016\075\246\043\172\306\001\307\217\310\136
\277\155\200\126\276\212\044\272\063\352\237\341\062\021\236\361
\322\117\200\366\033\100\257\070\236\021\120\171\163\022\022\315
\346\154\235\054\210\162\074\060\201\006\221\042\352\131\255\332
\031\056\042\302\215\271\214\207\340\146\274\163\043\137\041\144
\143\200\110\365\240\074\030\075\224\310\110\101\035\100\272\136
\376\376\126\071\241\310\317\136\236\031\144\106\020\332\027\221
\267\005\200\254\213\231\222\175\347\242\330\007\013\066\047\347

```
\110\171\140\212\303\327\023\134\370\162\100\337\112\313\317\231
\000\012\000\013\021\225\332\126\105\003\210\012\237\147\320\325
\171\261\250\215\100\155\015\302\172\100\372\363\137\144\107\222
\313\123\271\273\131\316\117\375\320\025\123\001\330\337\353\331
\346\166\357\320\043\273\073\251\171\263\325\002\051\315\211\243
\226\017\112\065\347\116\102\300\165\315\007\317\346\054\353\173
\056
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Trust for "CFCA EV ROOT"

Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

Serial Number: 407555286 (0x184accd6)

Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

Not Valid Before: Wed Aug 08 03:07:01 2012

Not Valid After : Mon Dec 31 03:07:01 2029

Fingerprint (SHA-256):

5C:C3:D7:8E:4E:1D:5E:45:54:7A:04:E6:87:3E:64:F9:0C:F9:53:6D:1C:CC:2E:F8:00:F3:55:C4:C5:FD:70:FD

Fingerprint (SHA1): E2:B8:29:4B:55:84:AB:6B:58:C2:90:46:6C:AC:3F:B8:39:8F:84:83

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "CFCA EV ROOT"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\342\270\051\113\125\204\253\153\130\302\220\106\154\254\077\270
```

```
\071\217\204\203
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\164\341\266\355\046\172\172\104\060\063\224\253\173\047\201\060
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
```

```
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
```

```
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
```

```
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
```

```
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101
```

```
\040\105\126\040\122\117\117\124
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\004\030\112\314\326
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "OISTE WISeKey Global Root GB CA"
#
# Issuer: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Serial Number:76:b1:20:52:74:f0:85:87:46:b3:f8:23:1a:f6:c2:c0
# Subject: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before: Mon Dec 01 15:00:32 2014
# Not Valid After : Thu Dec 01 15:10:31 2039
# Fingerprint (SHA-256):
6B:9C:08:E8:6E:B0:F7:67:CF:AD:65:CD:98:B6:21:49:E5:49:4A:67:F5:84:5E:7B:D1:ED:01:9F:27:B8:6B:D6
# Fingerprint (SHA1): 0F:F9:40:76:18:D3:D7:6A:4B:98:F0:A8:35:9E:0C:FD:27:AC:CC:ED
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GB CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366
\302\300
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\265\060\202\002\235\240\003\002\001\002\002\020\166
\261\040\122\164\360\205\207\106\263\370\043\032\366\302\300\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\155
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060
\016\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
```


\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\102\040\103\101\060\036\027
\015\061\064\061\062\060\061\061\065\060\060\063\062\132\027\015
\063\071\061\062\060\061\061\065\061\060\063\061\132\060\155\061
\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016
\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061\042
\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040\106
\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162\163
\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111\123
\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142\141
\154\040\122\157\157\164\040\107\102\040\103\101\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\330\027\267
\034\112\044\052\326\227\261\312\342\036\373\175\070\357\230\365
\262\071\230\116\047\270\021\135\173\322\045\224\210\202\025\046
\152\033\061\273\250\133\041\041\053\330\017\116\237\132\361\261
\132\344\171\326\062\043\053\341\123\314\231\105\134\173\117\255
\274\277\207\112\013\113\227\132\250\366\110\354\175\173\015\315
\041\006\337\236\025\375\101\212\110\267\040\364\241\172\033\127
\324\135\120\377\272\147\330\043\231\037\310\077\343\336\377\157
\133\167\261\153\156\270\311\144\367\341\312\101\106\016\051\161
\320\271\043\374\311\201\137\116\367\157\337\277\204\255\163\144
\273\267\102\216\151\366\324\166\035\176\235\247\270\127\212\121
\147\162\327\324\250\270\225\124\100\163\003\366\352\364\353\376
\050\102\167\077\235\043\033\262\266\075\200\024\007\114\056\117
\367\325\012\026\015\275\146\103\067\176\043\103\171\303\100\206
\365\114\051\332\216\232\255\015\245\004\207\210\036\205\343\351
\123\325\233\310\213\003\143\170\353\340\031\112\156\273\057\153
\063\144\130\223\255\151\277\217\033\357\202\110\307\002\003\001
\000\001\243\121\060\117\060\013\006\003\125\035\017\004\004\003
\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\065
\017\310\066\143\136\342\243\354\371\073\146\025\316\121\122\343
\221\232\075\060\020\006\011\053\006\001\004\001\202\067\025\001
\004\003\002\001\000\060\015\006\011\052\206\110\206\367\015\001
\001\013\005\000\003\202\001\001\000\100\114\373\207\262\231\201
\220\176\235\305\260\260\046\315\210\173\053\062\215\156\270\041
\161\130\227\175\256\067\024\257\076\347\367\232\342\175\366\161
\230\231\004\252\103\164\170\243\343\111\141\076\163\214\115\224
\340\371\161\304\266\026\016\123\170\037\326\242\207\057\002\071
\201\051\074\257\025\230\041\060\376\050\220\000\214\321\341\313
\372\136\310\375\370\020\106\073\242\170\102\221\027\164\125\012
\336\120\147\115\146\321\247\377\375\331\300\265\250\243\212\316
\146\365\017\103\315\247\053\127\173\143\106\152\252\056\122\330
\364\355\341\155\255\051\220\170\110\272\341\043\252\243\211\354
\265\253\226\300\264\113\242\035\227\236\172\362\156\100\161\337

```
\150\361\145\115\316\174\005\337\123\145\251\245\360\261\227\004
\160\025\106\003\230\324\322\277\124\264\240\130\175\122\157\332
\126\046\142\324\330\333\211\061\157\034\360\042\302\323\142\034
\065\315\114\151\025\124\032\220\230\336\353\036\137\312\167\307
\313\216\075\103\151\234\232\130\320\044\073\337\033\100\226\176
\065\255\201\307\116\161\272\210\023
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "OISTE WISEKey Global Root GB CA"
```

```
# Issuer: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
```

```
# Serial Number:76:b1:20:52:74:f0:85:87:46:b3:f8:23:1a:f6:c2:c0
```

```
# Subject: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
```

```
# Not Valid Before: Mon Dec 01 15:00:32 2014
```

```
# Not Valid After : Thu Dec 01 15:10:31 2039
```

```
# Fingerprint (SHA-256):
```

```
6B:9C:08:E8:6E:B0:F7:67:CF:AD:65:CD:98:B6:21:49:E5:49:4A:67:F5:84:5E:7B:D1:ED:01:9F:27:B8:6B:D6
```

```
# Fingerprint (SHA1): 0F:F9:40:76:18:D3:D7:6A:4B:98:F0:A8:35:9E:0C:FD:27:AC:CC:ED
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "OISTE WISEKey Global Root GB CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\017\371\100\166\030\323\327\152\113\230\360\250\065\236\014\375
\047\254\314\355
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\244\353\271\141\050\056\267\057\230\260\065\046\220\231\121\035
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366
\302\300
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "SZAFIR ROOT CA2"

#

Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

Serial Number:3e:8a:5d:07:ec:55:d2:32:d5:b7:e3:b6:5f:01:eb:2d:dc:e4:d6:e4

Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

Not Valid Before: Mon Oct 19 07:43:30 2015

Not Valid After : Fri Oct 19 07:43:30 2035

Fingerprint (SHA-256):

A1:33:9D:33:28:1A:0B:56:E5:57:D3:D3:2B:1C:E7:F9:36:7E:B0:94:BD:5F:A7:2A:7E:50:04:C8:DE:D7:CA:FE

Fingerprint (SHA1): E2:52:FA:95:3F:ED:DB:24:60:BD:6E:28:F3:9C:CC:CF:5E:B3:3F:DE

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SZAFIR ROOT CA2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001
\353\055\334\344\326\344

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\162\060\202\002\132\240\003\002\001\002\002\024\076
\212\135\007\354\125\322\062\325\267\343\266\137\001\353\055\334
\344\326\344\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\121\061\013\060\011\006\003\125\004\006\023\002\120
\114\061\050\060\046\006\003\125\004\012\014\037\113\162\141\152
\157\167\141\040\111\172\142\141\040\122\157\172\154\151\143\172
\145\156\151\157\167\141\040\123\056\101\056\061\030\060\026\006

\003\125\004\003\014\017\123\132\101\106\111\122\040\122\117\117
\124\040\103\101\062\060\036\027\015\061\065\061\060\061\071\060
\067\064\063\063\060\132\027\015\063\065\061\060\061\071\060\067
\064\063\063\060\132\060\121\061\013\060\011\006\003\125\004\006
\023\002\120\114\061\050\060\046\006\003\125\004\012\014\037\113
\162\141\152\157\167\141\040\111\172\142\141\040\122\157\172\154
\151\143\172\145\156\151\157\167\141\040\123\056\101\056\061\030
\060\026\006\003\125\004\003\014\017\123\132\101\106\111\122\040
\122\117\117\124\040\103\101\062\060\202\001\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000
\060\202\001\012\002\202\001\001\000\267\274\076\120\250\113\315
\100\265\316\141\347\226\312\264\241\332\014\042\260\372\265\173
\166\000\167\214\013\317\175\250\206\314\046\121\344\040\075\205
\014\326\130\343\347\364\052\030\235\332\321\256\046\356\353\123
\334\364\220\326\023\112\014\220\074\303\364\332\322\216\015\222
\072\334\261\261\377\070\336\303\272\055\137\200\271\002\275\112
\235\033\017\264\303\302\301\147\003\335\334\033\234\075\263\260
\336\000\036\250\064\107\273\232\353\376\013\024\275\066\204\332
\015\040\277\372\133\313\251\026\040\255\071\140\356\057\165\266
\347\227\234\371\076\375\176\115\157\115\057\357\210\015\152\372
\335\361\075\156\040\245\240\022\264\115\160\271\316\327\162\073
\211\223\247\200\204\034\047\111\162\111\265\377\073\225\236\301
\314\310\001\354\350\016\212\012\226\347\263\246\207\345\326\371
\005\053\015\227\100\160\074\272\254\165\132\234\325\115\235\002
\012\322\113\233\146\113\106\007\027\145\255\237\154\210\000\334
\042\211\340\341\144\324\147\274\061\171\141\074\273\312\101\315
\134\152\000\310\074\070\216\130\257\002\003\001\000\001\243\102
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\035\006\003\125\035\016\004\026\004\024\056\026
\251\112\030\265\313\314\365\157\120\363\043\137\370\135\347\254
\360\310\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\003\202\001\001\000\265\163\370\003\334\131\133\035\166\351
\243\052\173\220\050\262\115\300\063\117\252\232\261\324\270\344
\047\377\251\226\231\316\106\340\155\174\114\242\070\244\006\160
\360\364\101\021\354\077\107\215\077\162\207\371\073\375\244\157
\053\123\000\340\377\071\271\152\007\016\353\035\034\366\242\162
\220\313\202\075\021\202\213\322\273\237\052\257\041\346\143\206
\235\171\031\357\367\273\014\065\220\303\212\355\117\017\365\314
\022\331\244\076\273\240\374\040\225\137\117\046\057\021\043\203
\116\165\007\017\277\233\321\264\035\351\020\004\376\312\140\217
\242\114\270\255\317\341\220\017\315\256\012\307\135\173\267\120
\322\324\141\372\325\025\333\327\237\207\121\124\353\245\343\353
\311\205\240\045\040\067\373\216\316\014\064\204\341\074\201\262
\167\116\103\245\210\137\206\147\241\075\346\264\134\141\266\076
\333\376\267\050\305\242\007\256\265\312\312\215\052\022\357\227
\355\302\060\244\311\052\172\373\363\115\043\033\231\063\064\240
\056\365\251\013\077\324\135\341\317\204\237\342\031\302\137\212

\326\040\036\343\163\267

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "SZAFIR ROOT CA2"

Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

Serial Number:3e:8a:5d:07:ec:55:d2:32:d5:b7:e3:b6:5f:01:eb:2d:dc:e4:d6:e4

Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

Not Valid Before: Mon Oct 19 07:43:30 2015

Not Valid After : Fri Oct 19 07:43:30 2035

Fingerprint (SHA-256):

A1:33:9D:33:28:1A:0B:56:E5:57:D3:D3:2B:1C:E7:F9:36:7E:B0:94:BD:5F:A7:2A:7E:50:04:C8:DE:D7:CA:FE

Fingerprint (SHA1): E2:52:FA:95:3F:ED:DB:24:60:BD:6E:28:F3:9C:CC:CF:5E:B3:3F:DE

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SZAFIR ROOT CA2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\342\122\372\225\077\355\333\044\140\275\156\050\363\234\314\317

\136\263\077\336

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\021\144\301\211\260\044\261\214\261\007\176\211\236\121\236\231

END

CKA_ISSUER MULTILINE_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061

\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167

\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156

\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125

\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040

\103\101\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001

\353\055\334\344\326\344

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Certum Trusted Network CA 2"

#

Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies

S.A.,C=PL
Serial Number:21:d6:d0:4a:4f:25:0f:c9:32:37:fc:aa:5e:12:8d:e9
Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
Not Valid Before: Thu Oct 06 08:39:56 2011
Not Valid After : Sat Oct 06 08:39:56 2046
Fingerprint (SHA-256):
B6:76:F2:ED:DA:E8:77:5C:D3:6C:B0:F6:3C:D1:D4:60:39:61:F4:9E:62:65:BA:01:3A:2F:03:07:B6:D0:B8:04
Fingerprint (SHA1): D3:DD:48:3E:2B:BF:4C:05:E8:AF:10:F5:FA:76:26:CF:D3:DC:30:92
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\326\320\112\117\045\017\311\062\067\374\252\136\022
\215\351
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\322\060\202\003\272\240\003\002\001\002\002\020\041
\326\320\112\117\045\017\311\062\067\374\252\136\022\215\351\060
\015\006\011\052\206\110\206\367\015\001\001\015\005\000\060\201
\200\061\013\060\011\006\003\125\004\006\023\002\120\114\061\042
\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164\157

\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\044\060\042\006
\003\125\004\003\023\033\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101\040
\062\060\042\030\017\062\060\061\061\061\060\060\066\060\070\063
\071\065\066\132\030\017\062\060\064\066\061\060\060\066\060\070
\063\071\065\066\132\060\201\200\061\013\060\011\006\003\125\004
\006\023\002\120\114\061\042\060\040\006\003\125\004\012\023\031
\125\156\151\172\145\164\157\040\124\145\143\150\156\157\154\157
\147\151\145\163\040\123\056\101\056\061\047\060\045\006\003\125
\004\013\023\036\103\145\162\164\165\155\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\061\044\060\042\006\003\125\004\003\023\033\103\145\162
\164\165\155\040\124\162\165\163\164\145\144\040\116\145\164\167
\157\162\153\040\103\101\040\062\060\202\002\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000
\060\202\002\012\002\202\002\001\000\275\371\170\370\346\325\200
\014\144\235\206\033\226\144\147\077\042\072\036\165\001\175\357
\373\134\147\214\311\314\134\153\251\221\346\271\102\345\040\113
\233\332\233\173\271\231\135\331\233\200\113\327\204\100\053\047
\323\350\272\060\273\076\011\032\247\111\225\357\053\100\044\302
\227\307\247\356\233\045\357\250\012\000\227\205\132\252\235\334
\051\311\342\065\007\353\160\115\112\326\301\263\126\270\241\101
\070\233\321\373\061\177\217\340\137\341\261\077\017\216\026\111
\140\327\006\215\030\371\252\046\020\253\052\323\320\321\147\215
\033\106\276\107\060\325\056\162\321\305\143\332\347\143\171\104
\176\113\143\044\211\206\056\064\077\051\114\122\213\052\247\300
\342\221\050\211\271\300\133\371\035\331\347\047\255\377\232\002
\227\301\306\120\222\233\002\054\275\251\271\064\131\012\277\204
\112\377\337\376\263\237\353\331\236\340\230\043\354\246\153\167
\026\052\333\314\255\073\034\244\207\334\106\163\136\031\142\150
\105\127\344\220\202\102\273\102\326\360\141\340\301\243\075\146
\243\135\364\030\356\210\311\215\027\105\051\231\062\165\002\061
\356\051\046\310\153\002\346\265\142\105\177\067\025\132\043\150
\211\324\076\336\116\047\260\360\100\014\274\115\027\313\115\242
\263\036\320\006\132\335\366\223\317\127\165\231\365\372\206\032
\147\170\263\277\226\376\064\334\275\347\122\126\345\263\345\165
\173\327\101\221\005\334\135\151\343\225\015\103\271\374\203\226
\071\225\173\154\200\132\117\023\162\306\327\175\051\172\104\272
\122\244\052\325\101\106\011\040\376\042\240\266\133\060\215\274
\211\014\325\327\160\370\207\122\375\332\357\254\121\056\007\263
\116\376\320\011\332\160\357\230\372\126\346\155\333\265\127\113
\334\345\054\045\025\310\236\056\170\116\370\332\234\236\206\054
\312\127\363\032\345\310\222\213\032\202\226\172\303\274\120\022
\151\330\016\132\106\213\072\353\046\372\043\311\266\260\201\276
\102\000\244\370\326\376\060\056\307\322\106\366\345\216\165\375

\362\314\271\320\207\133\314\006\020\140\273\203\065\267\136\147
\336\107\354\231\110\361\244\241\025\376\255\214\142\216\071\125
\117\071\026\271\261\143\235\377\267\002\003\001\000\001\243\102
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\035\006\003\125\035\016\004\026\004\024\266\241
\124\071\002\303\240\077\216\212\274\372\324\370\034\246\321\072
\016\375\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\006\060\015\006\011\052\206\110\206\367\015\001\001\015\005
\000\003\202\002\001\000\161\245\016\316\344\351\277\077\070\325
\211\132\304\002\141\373\114\305\024\027\055\213\117\123\153\020
\027\374\145\204\307\020\111\220\336\333\307\046\223\210\046\157
\160\326\002\136\071\240\367\217\253\226\265\245\023\134\201\024
\155\016\201\202\021\033\212\116\306\117\245\335\142\036\104\337
\011\131\364\133\167\013\067\351\213\040\306\370\012\116\056\130
\034\353\063\320\317\206\140\311\332\373\200\057\236\114\140\204
\170\075\041\144\326\373\101\037\030\017\347\311\165\161\275\275
\134\336\064\207\076\101\260\016\366\271\326\077\011\023\226\024
\057\336\232\035\132\271\126\316\065\072\260\137\160\115\136\343
\051\361\043\050\162\131\266\253\302\214\146\046\034\167\054\046
\166\065\213\050\247\151\240\371\073\365\043\335\205\020\164\311
\220\003\126\221\347\257\272\107\324\022\227\021\042\343\242\111
\224\154\347\267\224\113\272\055\244\332\063\213\114\246\104\377
\132\074\306\035\144\330\265\061\344\246\074\172\250\127\013\333
\355\141\032\313\361\316\163\167\143\244\207\157\114\121\070\326
\344\137\307\237\266\201\052\344\205\110\171\130\136\073\370\333
\002\202\147\301\071\333\303\164\113\075\066\036\371\051\223\210
\150\133\250\104\031\041\360\247\350\201\015\054\350\223\066\264
\067\262\312\260\033\046\172\232\045\037\232\232\200\236\113\052
\077\373\243\232\376\163\062\161\302\236\306\162\341\212\150\047
\361\344\017\264\304\114\245\141\223\370\227\020\007\052\060\045
\251\271\310\161\270\357\150\314\055\176\365\340\176\017\202\250
\157\266\272\154\203\103\167\315\212\222\027\241\236\133\170\026
\075\105\342\063\162\335\341\146\312\231\323\311\305\046\375\015
\150\004\106\256\266\331\233\214\276\031\276\261\306\362\031\343
\134\002\312\054\330\157\112\007\331\311\065\332\100\165\362\304
\247\031\157\236\102\020\230\165\346\225\213\140\274\355\305\022
\327\212\316\325\230\134\126\226\003\305\356\167\006\065\377\317
\344\356\077\023\141\356\333\332\055\205\360\315\256\235\262\030
\011\105\303\222\241\162\027\374\107\266\240\013\054\361\304\336
\103\150\010\152\137\073\360\166\143\373\314\006\054\246\306\342
\016\265\271\276\044\217

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Certum Trusted Network CA 2"

Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies


```

S.A.,C=PL
# Serial Number:21:d6:d0:4a:4f:25:0f:c9:32:37:fc:aa:5e:12:8d:e9
# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
# Not Valid Before: Thu Oct 06 08:39:56 2011
# Not Valid After : Sat Oct 06 08:39:56 2046
# Fingerprint (SHA-256):
B6:76:F2:ED:DA:E8:77:5C:D3:6C:B0:F6:3C:D1:D4:60:39:61:F4:9E:62:65:BA:01:3A:2F:03:07:B6:D0:B8:04
# Fingerprint (SHA1): D3:DD:48:3E:2B:BF:4C:05:E8:AF:10:F5:FA:76:26:CF:D3:DC:30:92
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\323\335\110\076\053\277\114\005\350\257\020\365\372\166\046\317
\323\334\060\222
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\155\106\236\331\045\155\010\043\133\136\164\175\036\047\333\362
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\326\320\112\117\045\017\311\062\067\374\252\136\022
\215\351
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hellenic Academic and Research Institutions RootCA 2015"
#
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research

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```
Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:11:21 2015
# Not Valid After : Sat Jun 30 10:11:21 2040
# Fingerprint (SHA-256):
A0:40:92:9A:02:CE:53:B4:AC:F4:F2:FF:C6:98:1C:E4:49:6F:75:5E:6D:45:FE:0B:2A:69:2B:CD:52:52:3F:36
# Fingerprint (SHA1): 01:0C:06:95:A6:98:19:14:FF:BF:5F:C6:B0:B6:95:EA:29:E9:12:A6
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2015"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
END
CKA_ID UTF8 ""
CKA_ISSUER MULTILINE_OCTAL
\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\013\060\202\003\363\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156\163
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
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\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
\164\103\101\040\062\060\061\065\060\036\027\015\061\065\060\067
\060\067\061\060\061\061\062\061\132\027\015\064\060\060\066\063
\060\061\060\061\061\062\061\132\060\201\246\061\013\060\011\006
\003\125\004\006\023\002\107\122\061\017\060\015\006\003\125\004
\007\023\006\101\164\150\145\156\163\061\104\060\102\006\003\125
\004\012\023\073\110\145\154\154\145\156\151\143\040\101\143\141
\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141\162
\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163\040
\103\145\162\164\056\040\101\165\164\150\157\162\151\164\171\061
\100\060\076\006\003\125\004\003\023\067\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\122\157\157\164\103\101\040\062\060\061
\065\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\302\370\251\077\033\211\374\074\074\004\135\075\220\066
\260\221\072\171\074\146\132\357\155\071\001\111\032\264\267\317
\177\115\043\123\267\220\000\343\023\052\050\246\061\361\221\000
\343\050\354\256\041\101\316\037\332\375\175\022\133\001\203\017
\271\260\137\231\341\362\022\203\200\115\006\076\337\254\257\347
\241\210\153\061\257\360\213\320\030\063\270\333\105\152\064\364
\002\200\044\050\012\002\025\225\136\166\052\015\231\072\024\133
\366\313\313\123\274\023\115\001\210\067\224\045\033\102\274\042
\330\216\243\226\136\072\331\062\333\076\350\360\020\145\355\164
\341\057\247\174\257\047\064\273\051\175\233\266\317\011\310\345
\323\012\374\210\145\145\164\012\334\163\034\134\315\100\261\034
\324\266\204\214\114\120\317\150\216\250\131\256\302\047\116\202
\242\065\335\024\364\037\377\262\167\325\207\057\252\156\175\044
\047\347\306\313\046\346\345\376\147\007\143\330\105\015\335\072
\131\145\071\130\172\222\231\162\075\234\204\136\210\041\270\325
\364\054\374\331\160\122\117\170\270\275\074\053\213\225\230\365
\263\321\150\317\040\024\176\114\134\137\347\213\345\365\065\201
\031\067\327\021\010\267\146\276\323\112\316\203\127\000\072\303
\201\370\027\313\222\066\135\321\243\330\165\033\341\213\047\352
\172\110\101\375\105\031\006\255\047\231\116\301\160\107\335\265
\237\201\123\022\345\261\214\110\135\061\103\027\343\214\306\172
\143\226\113\051\060\116\204\116\142\031\136\074\316\227\220\245
\177\001\353\235\340\370\213\211\335\045\230\075\222\266\176\357
\331\361\121\121\175\055\046\310\151\131\141\340\254\152\270\052
\066\021\004\172\120\275\062\204\276\057\334\162\325\327\035\026
\107\344\107\146\040\077\364\226\305\257\216\001\172\245\017\172

\144\365\015\030\207\331\256\210\325\372\204\301\072\300\151\050
\055\362\015\150\121\252\343\245\167\306\244\220\016\241\067\213
\061\043\107\301\011\010\353\156\367\170\233\327\202\374\204\040
\231\111\031\266\022\106\261\373\105\125\026\251\243\145\254\234
\007\017\352\153\334\037\056\006\162\354\206\210\022\344\055\333
\137\005\057\344\360\003\323\046\063\347\200\302\315\102\241\027
\064\013\002\003\001\000\001\243\102\060\100\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003
\125\035\016\004\026\004\024\161\025\147\310\310\311\275\165\135
\162\320\070\030\152\235\363\161\044\124\013\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\165
\273\155\124\113\252\020\130\106\064\362\142\327\026\066\135\010
\136\325\154\310\207\275\264\056\106\362\061\370\174\352\102\265
\223\026\125\334\241\014\022\240\332\141\176\017\130\130\163\144
\162\307\350\105\216\334\251\362\046\077\306\171\214\261\123\010
\063\201\260\126\023\276\346\121\134\330\233\012\117\113\234\126
\123\002\351\117\366\015\140\352\115\102\125\350\174\033\041\041
\323\033\072\314\167\362\270\220\361\150\307\371\132\376\372\055
\364\277\311\365\105\033\316\070\020\052\067\212\171\243\264\343
\011\154\205\206\223\377\211\226\047\170\201\217\147\343\106\164
\124\216\331\015\151\342\112\364\115\164\003\377\262\167\355\225
\147\227\344\261\305\253\277\152\043\350\324\224\342\104\050\142
\304\113\342\360\330\342\051\153\032\160\176\044\141\223\173\117
\003\062\045\015\105\044\053\226\264\106\152\277\112\013\367\232
\217\301\254\032\305\147\363\157\064\322\372\163\143\214\357\026
\260\250\244\106\052\370\353\022\354\162\264\357\370\053\176\214
\122\300\213\204\124\371\057\076\343\125\250\334\146\261\331\341
\137\330\263\214\131\064\131\244\253\117\154\273\037\030\333\165
\253\330\313\222\315\224\070\141\016\007\006\037\113\106\020\361
\025\276\215\205\134\073\112\053\201\171\017\264\151\237\111\120
\227\115\367\016\126\135\300\225\152\302\066\303\033\150\311\365
\052\334\107\232\276\262\316\305\045\350\372\003\271\332\371\026
\156\221\204\365\034\050\310\374\046\314\327\034\220\126\247\137
\157\072\004\274\315\170\211\013\216\017\057\243\252\117\242\033
\022\075\026\010\100\017\361\106\114\327\252\173\010\301\012\365
\155\047\336\002\217\312\303\265\053\312\351\353\310\041\123\070
\245\314\073\330\167\067\060\242\117\331\157\321\362\100\255\101
\172\027\305\326\112\065\211\267\101\325\174\206\177\125\115\203
\112\245\163\040\300\072\257\220\361\232\044\216\331\216\161\312
\173\270\206\332\262\217\231\076\035\023\015\022\021\356\324\253
\360\351\025\166\002\344\340\337\252\040\036\133\141\205\144\100
\251\220\227\015\255\123\322\132\035\207\152\000\227\145\142\264
\276\157\152\247\365\054\102\355\062\255\266\041\236\276\274

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```
# Trust for "Hellenic Academic and Research Institutions RootCA 2015"
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:11:21 2015
# Not Valid After : Sat Jun 30 10:11:21 2040
# Fingerprint (SHA-256):
A0:40:92:9A:02:CE:53:B4:AC:F4:F2:FF:C6:98:1C:E4:49:6F:75:5E:6D:45:FE:0B:2A:69:2B:CD:52:52:3F:36
# Fingerprint (SHA1): 01:0C:06:95:A6:98:19:14:FF:BF:5F:C6:B0:B6:95:EA:29:E9:12:A6
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2015"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\001\014\006\225\246\230\031\024\377\277\137\306\260\266\225\352
\051\351\022\246
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\377\342\333\003\331\313\113\351\017\255\204\375\173\030\316
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hellenic Academic and Research Institutions ECC RootCA 2015"
#
```

```
# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and
Research Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:37:12 2015
# Not Valid After : Sat Jun 30 10:37:12 2040
# Fingerprint (SHA-256):
44:B5:45:AA:8A:25:E6:5A:73:CA:15:DC:27:FC:36:D2:4C:1C:B9:95:3A:06:65:39:B1:15:82:DC:48:7B:48:33
# Fingerprint (SHA1): 9F:F1:71:8D:92:D5:9A:F3:7D:74:97:B4:BC:6F:84:68:0B:BA:B6:66
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\040\062\060\061\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\303\060\202\002\112\240\003\002\001\002\002\001\000
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\060\012\006\010\052\206\110\316\075\004\003\002\060\201\252\061
\013\060\011\006\003\125\004\006\023\002\107\122\061\017\060\015
\006\003\125\004\007\023\006\101\164\150\145\156\163\061\104\060
\102\006\003\125\004\012\023\073\110\145\154\154\145\156\151\143
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151
\157\156\163\040\103\145\162\164\056\040\101\165\164\150\157\162
\151\164\171\061\104\060\102\006\003\125\004\003\023\073\110\145
\154\154\145\156\151\143\040\101\143\141\144\145\155\151\143\040
\141\156\144\040\122\145\163\145\141\162\143\150\040\111\156\163
\164\151\164\165\164\151\157\156\163\040\105\103\103\040\122\157
\157\164\103\101\040\062\060\061\065\060\036\027\015\061\065\060
\067\060\067\061\060\063\067\061\062\132\027\015\064\060\060\066
\063\060\061\060\063\067\061\062\132\060\201\252\061\013\060\011
\006\003\125\004\006\023\002\107\122\061\017\060\015\006\003\125
\004\007\023\006\101\164\150\145\156\163\061\104\060\102\006\003
\125\004\012\023\073\110\145\154\154\145\156\151\143\040\101\143
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163
\040\103\145\162\164\056\040\101\165\164\150\157\162\151\164\171
\061\104\060\102\006\003\125\004\003\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\105\103\103\040\122\157\157\164\103
\101\040\062\060\061\065\060\166\060\020\006\007\052\206\110\316
\075\002\001\006\005\053\201\004\000\042\003\142\000\004\222\240
\101\350\113\202\204\134\342\370\061\021\231\206\144\116\011\045
\057\235\101\057\012\256\065\117\164\225\262\121\144\153\215\153
\346\077\160\225\360\005\104\107\246\162\070\120\166\225\002\132
\216\256\050\236\371\055\116\231\357\054\110\157\114\045\051\350
\321\161\133\337\035\301\165\067\264\327\372\173\172\102\234\152
\012\126\132\174\151\013\252\200\011\044\154\176\301\106\243\102
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\035\006\003\125\035\016\004\026\004\024\264\042
\013\202\231\044\001\016\234\273\344\016\375\277\373\227\040\223
\231\052\060\012\006\010\052\206\110\316\075\004\003\002\003\147
\000\060\144\002\060\147\316\026\142\070\242\254\142\105\247\251
\225\044\300\032\047\234\062\073\300\300\325\272\251\347\370\004
\103\123\205\356\122\041\336\235\365\045\203\076\236\130\113\057
\327\147\023\016\041\002\060\005\341\165\001\336\150\355\052\037
\115\114\011\010\015\354\113\255\144\027\050\347\165\316\105\145
\162\041\027\313\042\101\016\214\023\230\070\232\124\155\233\312
\342\174\352\002\130\042\221

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```
# Trust for "Hellenic Academic and Research Institutions ECC RootCA 2015"
# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and
Research Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:37:12 2015
# Not Valid After : Sat Jun 30 10:37:12 2040
# Fingerprint (SHA-256):
44:B5:45:AA:8A:25:E6:5A:73:CA:15:DC:27:FC:36:D2:4C:1C:B9:95:3A:06:65:39:B1:15:82:DC:48:7B:48:33
# Fingerprint (SHA1): 9F:F1:71:8D:92:D5:9A:F3:7D:74:97:B4:BC:6F:84:68:0B:BA:B6:66
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\237\361\161\215\222\325\232\363\175\164\227\264\274\157\204\150
\013\272\266\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\201\345\264\027\353\302\365\341\113\015\101\173\111\222\376\357
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ISRG Root X1"
#
```



```
# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Serial Number:00:82:10:cf:b0:d2:40:e3:59:44:63:e0:bb:63:82:8b:00
# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Not Valid Before: Thu Jun 04 11:04:38 2015
# Not Valid After : Mon Jun 04 11:04:38 2035
# Fingerprint (SHA-256):
96:BC:EC:06:26:49:76:F3:74:60:77:9A:CF:28:C5:A7:CF:E8:A3:C0:AA:E1:1A:8F:FC:EE:05:C0:BD:DF:08:C6
# Fingerprint (SHA1): CA:BD:2A:79:A1:07:6A:31:F2:1D:25:36:35:CB:03:9D:43:29:A5:E8
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ISRG Root X1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\202\020\317\260\322\100\343\131\104\143\340\273\143
\202\213\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\153\060\202\003\123\240\003\002\001\002\002\021\000
\202\020\317\260\322\100\343\131\104\143\340\273\143\202\213\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061\051
\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156\145
\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145\141
\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003\125
\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130\061
\060\036\027\015\061\065\060\066\060\064\061\061\060\064\063\070
\132\027\015\063\065\060\066\060\064\061\061\060\064\063\070\132
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
```

\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\255\350\044\163\364\024\067\363\233\236\053\127\050\034
\207\276\334\267\337\070\220\214\156\074\346\127\240\170\367\165
\302\242\376\365\152\156\366\000\117\050\333\336\150\206\154\104
\223\266\261\143\375\024\022\153\277\037\322\352\061\233\041\176
\321\063\074\272\110\365\335\171\337\263\270\377\022\361\041\232
\113\301\212\206\161\151\112\146\146\154\217\176\074\160\277\255
\051\042\006\363\344\300\346\200\256\342\113\217\267\231\176\224
\003\237\323\107\227\174\231\110\043\123\350\070\256\117\012\157
\203\056\321\111\127\214\200\164\266\332\057\320\070\215\173\003
\160\041\033\165\362\060\074\372\217\256\335\332\143\253\353\026
\117\302\216\021\113\176\317\013\350\377\265\167\056\364\262\173
\112\340\114\022\045\014\160\215\003\051\240\341\123\044\354\023
\331\356\031\277\020\263\112\214\077\211\243\141\121\336\254\207
\007\224\364\143\161\354\056\342\157\133\230\201\341\211\134\064
\171\154\166\357\073\220\142\171\346\333\244\232\057\046\305\320
\020\341\016\336\331\020\216\026\373\267\367\250\367\307\345\002
\007\230\217\066\010\225\347\342\067\226\015\066\165\236\373\016
\162\261\035\233\274\003\371\111\005\330\201\335\005\264\052\326
\101\351\254\001\166\225\012\017\330\337\325\275\022\037\065\057
\050\027\154\322\230\301\250\011\144\167\156\107\067\272\316\254
\131\136\150\235\177\162\326\211\305\006\101\051\076\131\076\335
\046\365\044\311\021\247\132\243\114\100\037\106\241\231\265\247
\072\121\156\206\073\236\175\162\247\022\005\170\131\355\076\121
\170\025\013\003\217\215\320\057\005\262\076\173\112\034\113\163
\005\022\374\306\352\340\120\023\174\103\223\164\263\312\164\347
\216\037\001\010\320\060\324\133\161\066\264\007\272\301\060\060
\134\110\267\202\073\230\246\175\140\212\242\243\051\202\314\272
\275\203\004\033\242\203\003\101\241\326\005\361\033\302\266\360
\250\174\206\073\106\250\110\052\210\334\166\232\166\277\037\152
\245\075\031\217\353\070\363\144\336\310\053\015\012\050\377\367
\333\342\025\102\324\042\320\047\135\341\171\376\030\347\160\210
\255\116\346\331\213\072\306\335\047\121\156\377\274\144\365\063
\103\117\002\003\001\000\001\243\102\060\100\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
\125\035\016\004\026\004\024\171\264\131\346\173\266\345\344\001
\163\200\010\210\310\032\130\366\351\233\156\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\125
\037\130\251\274\262\250\120\320\014\261\330\032\151\040\047\051
\010\254\141\165\134\212\156\370\202\345\151\057\325\366\126\113
\271\270\163\020\131\323\041\227\176\347\114\161\373\262\322\140
\255\071\250\013\352\027\041\126\205\361\120\016\131\353\316\340
\131\351\272\311\025\357\206\235\217\204\200\366\344\351\221\220

\334\027\233\142\033\105\360\146\225\322\174\157\302\352\073\357
\037\317\313\326\256\047\361\251\260\310\256\375\175\176\232\372
\042\004\353\377\331\177\352\221\053\042\261\027\016\217\362\212
\064\133\130\330\374\001\311\124\271\270\046\314\212\210\063\211
\114\055\204\074\202\337\356\226\127\005\272\054\273\367\304\267
\307\116\073\202\276\061\310\042\163\163\222\321\302\200\244\071
\071\020\063\043\202\114\074\237\206\262\125\230\035\276\051\206
\214\042\233\236\342\153\073\127\072\202\160\115\334\011\307\211
\313\012\007\115\154\350\135\216\311\357\316\253\307\273\265\053
\116\105\326\112\320\046\314\345\162\312\010\152\245\225\343\025
\241\367\244\355\311\054\137\245\373\377\254\050\002\056\276\327
\173\273\343\161\173\220\026\323\007\136\106\123\174\067\007\102
\214\323\304\226\234\325\231\265\052\340\225\032\200\110\256\114
\071\007\316\314\107\244\122\225\053\272\270\373\255\322\063\123
\175\345\035\115\155\325\241\261\307\102\157\346\100\047\065\134
\243\050\267\007\215\347\215\063\220\347\043\237\373\120\234\171
\154\106\325\264\025\263\226\156\176\233\014\226\072\270\122\055
\077\326\133\341\373\010\302\204\376\044\250\243\211\332\254\152
\341\030\052\261\250\103\141\133\323\037\334\073\215\166\362\055
\350\215\165\337\027\063\154\075\123\373\173\313\101\137\377\334
\242\320\141\070\341\226\270\254\135\213\067\327\165\325\063\300
\231\021\256\235\101\301\162\165\204\276\002\101\102\137\147\044
\110\224\321\233\047\276\007\077\271\270\117\201\164\121\341\172
\267\355\235\043\342\276\340\325\050\004\023\074\061\003\236\335
\172\154\217\306\007\030\306\177\336\107\216\077\050\236\004\006
\317\245\124\064\167\275\354\211\233\351\027\103\337\133\333\137
\376\216\036\127\242\315\100\235\176\142\042\332\336\030\047

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "ISRG Root X1"

Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US

Serial Number:00:82:10:cf:b0:d2:40:e3:59:44:63:e0:bb:63:82:8b:00

Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US

Not Valid Before: Thu Jun 04 11:04:38 2015

Not Valid After : Mon Jun 04 11:04:38 2035

Fingerprint (SHA-256):

96:BC:EC:06:26:49:76:F3:74:60:77:9A:CF:28:C5:A7:CF:E8:A3:C0:AA:E1:1A:8F:FC:EE:05:C0:BD:DF:08:C6

Fingerprint (SHA1): CA:BD:2A:79:A1:07:6A:31:F2:1D:25:36:35:CB:03:9D:43:29:A5:E8

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "ISRG Root X1"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\312\275\052\171\241\007\152\061\362\035\045\066\065\313\003\235

```

\103\051\245\350
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\014\322\371\340\332\027\163\351\355\206\115\245\343\160\347\116
END
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\202\020\317\260\322\100\343\131\104\143\340\273\143
\202\213\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AC RAIZ FNMT-RCM"
#
# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Serial Number:5d:93:8d:30:67:36:c8:06:1d:1a:c7:54:84:69:07
# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Not Valid Before: Wed Oct 29 15:59:56 2008
# Not Valid After : Tue Jan 01 00:00:00 2030
# Fingerprint (SHA-256):
EB:C5:57:0C:29:01:8C:4D:67:B1:AA:12:7B:AF:12:F7:03:B4:61:1E:BC:17:B7:DA:B5:57:38:94:17:9B:93:FA
# Fingerprint (SHA1): EC:50:35:07:B2:15:C4:95:62:19:E2:A8:9A:5B:42:99:2C:4C:2C:20
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061

```

\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151
\007

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\203\060\202\003\153\240\003\002\001\002\002\017\135
\223\215\060\147\066\310\006\035\032\307\124\204\151\007\060\015
\006\011\052\206\110\206\367\015\001\001\013\005\000\060\073\061
\013\060\011\006\003\125\004\006\023\002\105\123\061\021\060\017
\006\003\125\004\012\014\010\106\116\115\124\055\122\103\115\061
\031\060\027\006\003\125\004\013\014\020\101\103\040\122\101\111
\132\040\106\116\115\124\055\122\103\115\060\036\027\015\060\070
\061\060\062\071\061\065\065\071\065\066\132\027\015\063\060\060
\061\060\061\060\060\060\060\060\132\060\073\061\013\060\011
\006\003\125\004\006\023\002\105\123\061\021\060\017\006\003\125
\004\012\014\010\106\116\115\124\055\122\103\115\061\031\060\027
\006\003\125\004\013\014\020\101\103\040\122\101\111\132\040\106
\116\115\124\055\122\103\115\060\202\002\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060
\202\002\012\002\202\002\001\000\272\161\200\172\114\206\156\177
\310\023\155\300\306\175\034\000\227\217\054\014\043\273\020\232
\100\251\032\267\207\210\370\233\126\152\373\346\173\216\213\222
\216\247\045\135\131\021\333\066\056\267\121\027\037\251\010\037
\004\027\044\130\252\067\112\030\337\345\071\324\127\375\327\301
\054\221\001\221\342\042\324\003\300\130\374\167\107\354\217\076
\164\103\272\254\064\215\115\070\166\147\216\260\310\157\060\063
\130\161\134\264\365\153\156\324\001\120\270\023\176\154\112\243
\111\321\040\031\356\274\300\051\030\145\247\336\376\357\335\012
\220\041\347\032\147\222\102\020\230\137\117\060\274\076\034\105
\264\020\327\150\100\024\300\100\372\347\167\027\172\346\013\217
\145\133\074\331\232\122\333\265\275\236\106\317\075\353\221\005
\002\300\226\262\166\114\115\020\226\073\222\372\234\177\017\231
\337\276\043\065\105\036\002\134\376\265\250\233\231\045\332\136
\363\042\303\071\365\344\052\056\323\306\037\304\154\252\305\034
\152\001\005\112\057\322\305\301\250\064\046\135\146\245\322\002
\041\371\030\267\006\365\116\231\157\250\253\114\121\350\317\120
\030\305\167\310\071\011\054\111\222\062\231\250\273\027\027\171
\260\132\305\346\243\304\131\145\107\065\203\136\251\350\065\013
\231\273\344\315\040\306\233\112\006\071\265\150\374\042\272\356
\125\214\053\116\352\363\261\343\374\266\231\232\325\102\372\161
\115\010\317\207\036\152\161\175\371\323\264\351\245\161\201\173
\302\116\107\226\245\366\166\205\243\050\217\351\200\156\201\123
\245\155\137\270\110\371\302\371\066\246\056\111\377\270\226\302
\214\007\263\233\210\130\374\353\033\034\336\055\160\342\227\222

\060\241\211\343\274\125\250\047\326\113\355\220\255\213\372\143
\045\131\055\250\065\335\312\227\063\274\345\315\307\235\321\354
\357\136\016\112\220\006\046\143\255\271\331\065\055\007\272\166
\145\054\254\127\217\175\364\007\224\327\201\002\226\135\243\007
\111\325\172\320\127\371\033\347\123\106\165\252\260\171\102\313
\150\161\010\351\140\275\071\151\316\364\257\303\126\100\307\255
\122\242\011\344\157\206\107\212\037\353\050\047\135\203\040\257
\004\311\154\126\232\213\106\365\002\003\001\000\001\243\201\203
\060\201\200\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\367
\175\305\375\304\350\232\033\167\144\247\365\035\240\314\277\207
\140\232\155\060\076\006\003\125\035\040\004\067\060\065\060\063
\006\004\125\035\040\000\060\053\060\051\006\010\053\006\001\005
\005\007\002\001\026\035\150\164\164\160\072\057\057\167\167\167
\056\143\145\162\164\056\146\156\155\164\056\145\163\057\144\160
\143\163\057\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\002\001\000\007\220\112\337\363\043\116\360\303
\234\121\145\233\234\042\242\212\014\205\363\163\051\153\115\376
\001\342\251\014\143\001\277\004\147\245\235\230\137\375\001\023
\372\354\232\142\351\206\376\266\142\322\156\114\224\373\300\165
\105\174\145\014\370\262\067\317\254\017\317\215\157\371\031\367
\217\354\036\362\160\236\360\312\270\357\267\377\166\067\166\133
\366\156\210\363\257\142\062\042\223\015\072\152\216\024\146\014
\055\123\164\127\145\036\325\262\335\043\201\073\245\146\043\047
\147\011\217\341\167\252\103\315\145\121\010\355\121\130\376\346
\071\371\313\107\204\244\025\361\166\273\244\356\244\073\304\137
\357\262\063\226\021\030\267\311\145\276\030\341\243\244\334\372
\030\371\323\274\023\233\071\172\064\272\323\101\373\372\062\212
\052\267\053\206\013\151\203\070\276\315\212\056\013\160\255\215
\046\222\356\036\365\001\053\012\331\326\227\233\156\340\250\031
\034\072\041\213\014\036\100\255\003\347\335\146\176\365\271\040
\015\003\350\226\371\202\105\324\071\340\240\000\135\327\230\346
\175\236\147\163\303\232\052\367\253\213\241\072\024\357\064\274
\122\016\211\230\232\004\100\204\035\176\105\151\223\127\316\353
\316\370\120\174\117\034\156\004\103\233\371\326\073\043\030\351
\352\216\321\115\106\215\361\073\344\152\312\272\373\043\267\233
\372\231\001\051\132\130\132\055\343\371\324\155\016\046\255\301
\156\064\274\062\370\014\005\372\145\243\333\073\067\203\042\351
\326\334\162\063\375\135\362\040\275\166\074\043\332\050\367\371
\033\353\131\144\325\334\137\162\176\040\374\315\211\265\220\147
\115\142\172\077\116\255\035\303\071\376\172\364\050\026\337\101
\366\110\200\005\327\017\121\171\254\020\253\324\354\003\146\346
\152\260\272\061\222\102\100\152\276\072\323\162\341\152\067\125
\274\254\035\225\267\151\141\362\103\221\164\346\240\323\012\044
\106\241\010\257\326\332\105\031\226\324\123\035\133\204\171\360
\300\367\107\357\213\217\305\006\256\235\114\142\235\377\106\004
\370\323\311\266\020\045\100\165\376\026\252\311\112\140\206\057

```
\272\357\060\167\344\124\342\270\204\231\130\200\252\023\213\121
\072\117\110\366\213\266\263
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "AC RAIZ FNMT-RCM"
```

```
# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
```

```
# Serial Number:5d:93:8d:30:67:36:c8:06:1d:1a:c7:54:84:69:07
```

```
# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
```

```
# Not Valid Before: Wed Oct 29 15:59:56 2008
```

```
# Not Valid After : Tue Jan 01 00:00:00 2030
```

```
# Fingerprint (SHA-256):
```

```
EB:C5:57:0C:29:01:8C:4D:67:B1:AA:12:7B:AF:12:F7:03:B4:61:1E:BC:17:B7:DA:B5:57:38:94:17:9B:93:FA
```

```
# Fingerprint (SHA1): EC:50:35:07:B2:15:C4:95:62:19:E2:A8:9A:5B:42:99:2C:4C:2C:20
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\354\120\065\007\262\025\304\225\142\031\342\250\232\133\102\231
```

```
\054\114\054\040
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\342\011\004\264\323\275\321\240\024\375\032\322\107\304\127\035
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
```

```
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
```

```
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
```

```
\122\101\111\132\040\106\116\115\124\055\122\103\115
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151
```

```
\007
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "Amazon Root CA 1"
```

```
#
```

```
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
```

```
# Serial Number:06:6c:9f:cf:99:bf:8c:0a:39:e2:f0:78:8a:43:e6:96:36:5b:ca
```

```
# Subject: CN=Amazon Root CA 1,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sun Jan 17 00:00:00 2038
# Fingerprint (SHA-256):
8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E
# Fingerprint (SHA1): 8D:A7:F9:65:EC:5E:FC:37:91:0F:1C:6E:59:FD:C1:CC:6A:6E:DE:16
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103
\346\226\066\133\312
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\101\060\202\002\051\240\003\002\001\002\002\023\006
\154\237\317\231\277\214\012\071\342\360\170\212\103\346\226\066
\133\312\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157
\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172
\157\156\040\122\157\157\164\040\103\101\040\061\060\036\027\015
\061\065\060\065\062\066\060\060\060\060\060\060\132\027\015\063
\070\060\061\061\067\060\060\060\060\060\060\132\060\071\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006
\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027
\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157
\157\164\040\103\101\040\061\060\202\001\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060
\202\001\012\002\202\001\001\000\262\170\200\161\312\170\325\343
\161\257\107\200\120\164\175\156\330\327\210\166\364\231\150\367
\130\041\140\371\164\204\001\057\254\002\055\206\323\240\103\172
\116\262\244\320\066\272\001\276\215\333\110\310\007\027\066\114
```


\364\356\210\043\307\076\353\067\365\265\031\370\111\150\260\336
\327\271\166\070\035\141\236\244\376\202\066\245\345\112\126\344
\105\341\371\375\264\026\372\164\332\234\233\065\071\057\372\260
\040\120\006\154\172\320\200\262\246\371\257\354\107\031\217\120
\070\007\334\242\207\071\130\370\272\325\251\371\110\147\060\226
\356\224\170\136\157\211\243\121\300\060\206\146\241\105\146\272
\124\353\243\303\221\371\110\334\377\321\350\060\055\175\055\164
\160\065\327\210\044\367\236\304\131\156\273\163\207\027\362\062
\106\050\270\103\372\267\035\252\312\264\362\237\044\016\055\113
\367\161\134\136\151\377\352\225\002\313\070\212\256\120\070\157
\333\373\055\142\033\305\307\036\124\341\167\340\147\310\017\234
\207\043\326\077\100\040\177\040\200\304\200\114\076\073\044\046
\216\004\256\154\232\310\252\015\002\003\001\000\001\243\102\060
\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\206\060\035\006\003\125\035\016\004\026\004\024\204\030\314
\205\064\354\274\014\224\224\056\010\131\234\307\262\020\116\012
\010\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\003\202\001\001\000\230\362\067\132\101\220\241\032\305\166\121
\050\040\066\043\016\256\346\050\273\252\370\224\256\110\244\060
\177\033\374\044\215\113\264\310\241\227\366\266\361\172\160\310
\123\223\314\010\050\343\230\045\317\043\244\371\336\041\323\174
\205\011\255\116\232\165\072\302\013\152\211\170\166\104\107\030
\145\154\215\101\216\073\177\232\313\364\265\247\120\327\005\054
\067\350\003\113\255\351\141\240\002\156\365\362\360\305\262\355
\133\267\334\372\224\134\167\236\023\245\177\122\255\225\362\370
\223\073\336\213\134\133\312\132\122\133\140\257\024\367\113\357
\243\373\237\100\225\155\061\124\374\102\323\307\106\037\043\255
\331\017\110\160\232\331\165\170\161\321\162\103\064\165\156\127
\131\302\002\134\046\140\051\317\043\031\026\216\210\103\245\324
\344\313\010\373\043\021\103\350\103\051\162\142\241\251\135\136
\010\324\220\256\270\330\316\024\302\320\125\362\206\366\304\223
\103\167\146\141\300\271\350\101\327\227\170\140\003\156\112\162
\256\245\321\175\272\020\236\206\154\033\212\271\131\063\370\353
\304\220\276\361\271

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Amazon Root CA 1"

Issuer: CN=Amazon Root CA 1,O=Amazon,C=US

Serial Number:06:6c:9f:cf:99:bf:8c:0a:39:e2:f0:78:8a:43:e6:96:36:5b:ca

Subject: CN=Amazon Root CA 1,O=Amazon,C=US

Not Valid Before: Tue May 26 00:00:00 2015

Not Valid After : Sun Jan 17 00:00:00 2038

Fingerprint (SHA-256):

8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E

```

# Fingerprint (SHA1): 8D:A7:F9:65:EC:5E:FC:37:91:0F:1C:6E:59:FD:C1:CC:6A:6E:DE:16
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\215\247\371\145\354\136\374\067\221\017\034\156\131\375\301\314
\152\156\336\026
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\306\277\256\354\376\255\057\030\306\210\150\060\374\310\346
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103
\346\226\066\133\312
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 2"
#
# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US
# Serial Number:06:6c:9f:d2:96:35:86:9f:0a:0f:e5:86:78:f8:5b:26:bb:8a:37
# Subject: CN=Amazon Root CA 2,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4
# Fingerprint (SHA1): 5A:8C:EF:45:D7:A6:98:59:76:7A:8C:8B:44:96:B5:78:CF:47:4B:1A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156

```

\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\101\060\202\003\051\240\003\002\001\002\002\023\006
\154\237\322\226\065\206\237\012\017\345\206\170\370\133\046\273
\212\067\060\015\006\011\052\206\110\206\367\015\001\001\014\005
\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157
\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172
\157\156\040\122\157\157\164\040\103\101\040\062\060\036\027\015
\061\065\060\065\062\066\060\060\060\060\060\060\132\027\015\064
\060\060\065\062\066\060\060\060\060\060\060\132\060\071\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006
\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027
\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157
\157\164\040\103\101\040\062\060\202\002\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060
\202\002\012\002\202\002\001\000\255\226\237\055\234\112\114\112
\201\171\121\231\354\212\313\153\140\121\023\274\115\155\006\374
\260\010\215\335\031\020\152\307\046\014\065\330\300\157\040\204
\351\224\261\233\205\003\303\133\333\112\350\310\370\220\166\331
\133\117\343\114\350\006\066\115\314\232\254\075\014\220\053\222
\324\006\031\140\254\067\104\171\205\201\202\255\132\067\340\015
\314\235\246\114\122\166\352\103\235\267\004\321\120\366\125\340
\325\322\246\111\205\351\067\351\312\176\256\134\225\115\110\232
\077\256\040\132\155\210\225\331\064\270\122\032\103\220\260\277
\154\005\271\266\170\267\352\320\344\072\074\022\123\142\377\112
\362\173\276\065\005\251\022\064\343\363\144\164\142\054\075\000
\111\132\050\376\062\104\273\207\335\145\047\002\161\073\332\112
\367\037\332\315\367\041\125\220\117\017\354\256\202\341\237\153
\331\105\323\273\360\137\207\355\074\054\071\206\332\077\336\354
\162\125\353\171\243\255\333\335\174\260\272\034\316\374\336\117
\065\166\317\017\370\170\037\152\066\121\106\047\141\133\351\236
\317\360\242\125\175\174\045\212\157\057\264\305\317\204\056\053
\375\015\121\020\154\373\137\033\274\033\176\305\256\073\230\001
\061\222\377\013\127\364\232\262\271\127\351\253\357\015\166\321

\360\356\364\316\206\247\340\156\351\264\151\241\337\151\366\063
\306\151\056\227\023\236\245\207\260\127\020\201\067\311\123\263
\273\177\366\222\321\234\320\030\364\222\156\332\203\117\246\143
\231\114\245\373\136\357\041\144\172\040\137\154\144\205\025\313
\067\351\142\014\013\052\026\334\001\056\062\332\076\113\365\236
\072\366\027\100\224\357\236\221\010\206\372\276\143\250\132\063
\354\313\164\103\225\371\154\151\122\066\307\051\157\374\125\003
\134\037\373\237\275\107\353\347\111\107\225\013\116\211\042\011
\111\340\365\141\036\361\277\056\212\162\156\200\131\377\127\072
\371\165\062\243\116\137\354\355\050\142\331\115\163\362\314\201
\027\140\355\315\353\334\333\247\312\305\176\002\275\362\124\010
\124\375\264\055\011\054\027\124\112\230\321\124\341\121\147\010
\322\355\156\176\157\077\322\055\201\131\051\146\313\220\071\225
\021\036\164\047\376\335\353\257\002\003\001\000\001\243\102\060
\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\206\060\035\006\003\125\035\016\004\026\004\024\260\014\360
\114\060\364\005\130\002\110\375\063\345\122\257\113\204\343\146
\122\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000
\003\202\002\001\000\252\250\200\217\016\170\243\340\242\324\315
\346\365\230\172\073\352\000\003\260\227\016\223\274\132\250\366
\054\214\162\207\251\261\374\177\163\375\143\161\170\245\207\131
\317\060\341\015\020\262\023\132\155\202\365\152\346\200\237\240
\005\013\150\344\107\153\307\152\337\266\375\167\062\162\345\030
\372\011\364\240\223\054\135\322\214\165\205\166\145\220\014\003
\171\267\061\043\143\255\170\203\011\206\150\204\312\377\371\317
\046\232\222\171\347\315\113\305\347\141\247\027\313\363\251\022
\223\223\153\247\350\057\123\222\304\140\130\260\314\002\121\030
\133\205\215\142\131\143\266\255\264\336\232\373\046\367\000\047
\300\135\125\067\164\231\311\120\177\343\131\056\104\343\054\045
\356\354\114\062\167\264\237\032\351\113\135\040\305\332\375\034
\207\026\306\103\350\324\273\046\232\105\160\136\251\013\067\123
\342\106\173\047\375\340\106\362\211\267\314\102\266\313\050\046
\156\331\245\311\072\310\101\023\140\367\120\214\025\256\262\155
\032\025\032\127\170\346\222\052\331\145\220\202\077\154\002\257
\256\022\072\047\226\066\004\327\035\242\200\143\251\233\361\345
\272\264\174\024\260\116\311\261\037\164\137\070\366\121\352\233
\372\054\242\021\324\251\055\047\032\105\261\257\262\116\161\015
\300\130\106\326\151\006\313\123\313\263\376\153\101\315\101\176
\175\114\017\174\162\171\172\131\315\136\112\016\254\233\251\230
\163\171\174\264\364\314\271\270\007\014\262\164\134\270\307\157
\210\241\220\247\364\252\371\277\147\072\364\032\025\142\036\267
\237\276\075\261\051\257\147\241\022\362\130\020\031\123\003\060
\033\270\032\211\366\234\275\227\003\216\243\011\363\035\213\041
\361\264\337\344\034\321\237\145\002\006\352\134\326\023\263\204
\357\242\245\134\214\167\051\247\150\300\153\256\100\322\250\264
\352\315\360\215\113\070\234\031\232\033\050\124\270\211\220\357
\312\165\201\076\036\362\144\044\307\030\257\116\377\107\236\007

```
\366\065\145\244\323\012\126\377\365\027\144\154\357\250\042\045
\111\223\266\337\000\027\332\130\176\135\356\305\033\260\321\321
\137\041\020\307\371\363\272\002\012\047\007\305\361\326\307\323
\340\373\011\140\154
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Trust for "Amazon Root CA 2"

Issuer: CN=Amazon Root CA 2,O=Amazon,C=US

Serial Number:06:6c:9f:d2:96:35:86:9f:0a:0f:e5:86:78:f8:5b:26:bb:8a:37

Subject: CN=Amazon Root CA 2,O=Amazon,C=US

Not Valid Before: Tue May 26 00:00:00 2015

Not Valid After : Sat May 26 00:00:00 2040

Fingerprint (SHA-256):

1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4

Fingerprint (SHA1): 5A:8C:EF:45:D7:A6:98:59:76:7A:8C:8B:44:96:B5:78:CF:47:4B:1A

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Amazon Root CA 2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\132\214\357\105\327\246\230\131\166\172\214\213\104\226\265\170
\317\107\113\032
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\310\345\215\316\250\102\342\172\300\052\134\174\236\046\277\146
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

Certificate "Amazon Root CA 3"

#

```
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# Serial Number:06:6c:9f:d5:74:97:36:66:3f:3b:0b:9a:d9:e8:9e:76:03:f2:4a
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4
# Fingerprint (SHA1): 0D:44:DD:8C:3C:8C:1A:1A:58:75:64:81:E9:0F:2E:2A:FF:B3:D2:6E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\266\060\202\001\133\240\003\002\001\002\002\023\006
\154\237\325\164\227\066\146\077\073\013\232\331\350\236\166\003
\362\112\060\012\006\010\052\206\110\316\075\004\003\002\060\071
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060
\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031
\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\040
\122\157\157\164\040\103\101\040\063\060\036\027\015\061\065\060
\065\062\066\060\060\060\060\060\132\027\015\064\060\060\065
\062\066\060\060\060\060\060\060\132\060\071\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004
\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125
\004\003\023\020\101\155\141\172\157\156\040\122\157\157\164\040
\103\101\040\063\060\131\060\023\006\007\052\206\110\316\075\002
\001\006\010\052\206\110\316\075\003\001\007\003\102\000\004\051
\227\247\306\101\177\300\015\233\350\001\033\126\306\362\122\245
\272\055\262\022\350\322\056\327\372\311\305\330\252\155\037\163
```

```
\201\073\073\230\153\071\174\063\245\305\116\206\216\200\027\150
\142\105\127\175\104\130\035\263\067\345\147\010\353\146\336\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\206\060\035\006\003\125\035\016\004\026\004\024\253
\266\333\327\006\236\067\254\060\206\007\221\160\307\234\304\031
\261\170\300\060\012\006\010\052\206\110\316\075\004\003\002\003
\111\000\060\106\002\041\000\340\205\222\243\027\267\215\371\053
\006\245\223\254\032\230\150\141\162\372\341\241\320\373\034\170
\140\246\103\231\305\270\304\002\041\000\234\002\357\361\224\234
\263\226\371\353\306\052\370\266\054\376\072\220\024\026\327\214
\143\044\110\034\337\060\175\325\150\073
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Amazon Root CA 3"
```

```
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
```

```
# Serial Number:06:6c:9f:d5:74:97:36:66:3f:3b:0b:9a:d9:e8:9e:76:03:f2:4a
```

```
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
```

```
# Not Valid Before: Tue May 26 00:00:00 2015
```

```
# Not Valid After : Sat May 26 00:00:00 2040
```

```
# Fingerprint (SHA-256):
```

```
18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4
```

```
# Fingerprint (SHA1): 0D:44:DD:8C:3C:8C:1A:1A:58:75:64:81:E9:0F:2E:2A:FF:B3:D2:6E
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Amazon Root CA 3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\015\104\335\214\074\214\032\032\130\165\144\201\351\017\056\052
\377\263\322\156
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\240\324\357\013\367\265\330\111\225\052\354\365\304\374\201\207
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Amazon Root CA 4"

#

Issuer: CN=Amazon Root CA 4,O=Amazon,C=US

Serial Number:06:6c:9f:d7:c1:bb:10:4c:29:43:e5:71:7b:7b:2c:c8:1a:c1:0e

Subject: CN=Amazon Root CA 4,O=Amazon,C=US

Not Valid Before: Tue May 26 00:00:00 2015

Not Valid After : Sat May 26 00:00:00 2040

Fingerprint (SHA-256):

E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92

Fingerprint (SHA1): F6:10:84:07:D6:F8:BB:67:98:0C:C2:E2:44:C2:EB:AE:1C:EF:63:BE

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Amazon Root CA 4"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156

\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157

\156\040\122\157\157\164\040\103\101\040\064

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156

\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157

\156\040\122\157\157\164\040\103\101\040\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173

\054\310\032\301\016

END

CKA_VALUE MULTILINE_OCTAL

\060\202\001\362\060\202\001\170\240\003\002\001\002\002\023\006

\154\237\327\301\273\020\114\051\103\345\161\173\173\054\310\032

\301\016\060\012\006\010\052\206\110\316\075\004\003\003\060\071

\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060

\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031

\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\040

\122\157\157\164\040\103\101\040\064\060\036\027\015\061\065\060

\065\062\066\060\060\060\060\060\060\060\132\027\015\064\060\060\065


```
\062\066\060\060\060\060\060\060\060\060\132\060\071\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004
\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125
\004\003\023\020\101\155\141\172\157\156\040\122\157\157\164\040
\103\101\040\064\060\166\060\020\006\007\052\206\110\316\075\002
\001\006\005\053\201\004\000\042\003\142\000\004\322\253\212\067
\117\243\123\015\376\301\212\173\113\250\173\106\113\143\260\142
\366\055\033\333\010\161\041\322\000\350\143\275\232\047\373\360
\071\156\135\352\075\245\311\201\252\243\133\040\230\105\135\026
\333\375\350\020\155\343\234\340\343\275\137\204\142\363\160\144
\063\240\313\044\057\160\272\210\241\052\240\165\370\201\256\142
\006\304\201\333\071\156\051\260\036\372\056\134\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\206\060\035\006\003\125\035\016\004\026\004\024\323\354\307\072
\145\156\314\341\332\166\232\126\373\234\363\206\155\127\345\201
\060\012\006\010\052\206\110\316\075\004\003\003\003\150\000\060
\145\002\060\072\213\041\361\275\176\021\255\320\357\130\226\057
\326\353\235\176\220\215\053\317\146\125\303\054\343\050\251\160
\012\107\016\360\067\131\022\377\055\231\224\050\116\052\117\065
\115\063\132\002\061\000\352\165\000\116\073\304\072\224\022\221
\311\130\106\235\041\023\162\247\210\234\212\344\114\112\333\226
\324\254\213\153\153\111\022\123\063\255\327\344\276\044\374\265
\012\166\324\245\274\020
```

END

```
CKA_NSS_Mozilla_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Amazon Root CA 4"
```

```
# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
```

```
# Serial Number:06:6c:9f:d7:c1:bb:10:4c:29:43:e5:71:7b:7b:2c:c8:1a:c1:0e
```

```
# Subject: CN=Amazon Root CA 4,O=Amazon,C=US
```

```
# Not Valid Before: Tue May 26 00:00:00 2015
```

```
# Not Valid After : Sat May 26 00:00:00 2040
```

```
# Fingerprint (SHA-256):
```

```
E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92
```

```
# Fingerprint (SHA1): F6:10:84:07:D6:F8:BB:67:98:0C:C2:E2:44:C2:EB:AE:1C:EF:63:BE
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Amazon Root CA 4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\366\020\204\007\326\370\273\147\230\014\302\342\104\302\353\256
\034\357\143\276
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

\211\274\047\325\353\027\215\006\152\151\325\375\211\107\264\315

END

CKA_ISSUER MULTILINE_OCTAL

\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156

\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157

\156\040\122\157\157\164\040\103\101\040\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173

\054\310\032\301\016

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Symantec Class 1 Public Primary Certification Authority - G6"

#

Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US

Serial Number:24:32:75:f2:1d:2f:d2:09:33:f7:b4:6a:ca:d0:f3:98

Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US

Not Valid Before: Tue Oct 18 00:00:00 2011

Not Valid After : Tue Dec 01 23:59:59 2037

Fingerprint (SHA-256):

9D:19:0B:2E:31:45:66:68:5B:E8:A8:89:E2:7A:A8:C7:D7:AE:1D:8A:AD:DB:A3:C1:EC:F9:D2:48:63:CD:34:B9

Fingerprint (SHA1): 51:7F:61:1E:29:91:6B:53:82:FB:72:E7:44:D9:8D:C3:CC:53:6D:64

For Email Distrust After: Wed Aug 31 00:00:00 2022

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123

\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156

\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061

\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164

\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153

\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156

\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154

\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151

\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151

\164\171\040\055\040\107\066

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\044
\062\165\362\035\057\322\011\063\367\264\152\312\320\363\230\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143
\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105
\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145
\143\040\103\154\141\163\163\040\061\040\120\165\142\154\151\143
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\055\040\107\066\060\036\027\015\061\061\061\060\061\070\060
\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074
\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\061
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\307\071\327
\111\144\251\231\202\042\114\352\105\331\007\026\343\173\364\203
\350\231\163\372\153\261\066\340\232\167\240\100\302\201\215\001
\307\314\214\275\217\175\367\171\343\172\114\003\115\331\373\375

\207\070\050\054\335\232\213\124\010\333\147\373\033\214\376\050
\222\057\276\267\262\110\247\201\241\330\136\210\303\314\071\100
\101\132\321\334\345\332\020\237\057\332\001\115\375\056\106\174
\371\056\047\012\151\067\356\221\243\033\152\314\104\277\033\307
\303\324\021\262\120\140\227\011\275\056\042\365\101\204\146\237
\315\100\246\251\000\200\301\037\225\222\237\336\363\110\357\333
\035\167\141\374\177\337\356\226\244\162\320\266\076\377\170\047
\257\313\222\025\151\010\333\143\020\342\346\227\254\156\334\254
\366\242\316\036\107\231\271\211\267\022\346\241\324\315\131\021
\147\303\157\205\330\102\116\050\276\131\125\131\004\225\253\217
\067\200\277\015\360\374\037\072\144\061\130\201\170\327\342\065
\366\040\077\051\270\217\026\156\076\110\334\265\114\007\341\362
\032\352\176\012\171\326\250\275\353\135\206\053\115\002\003\001
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\063\101\350\310\071\022\025\223\110\362\226\062\056\132
\365\332\224\137\123\140\060\015\006\011\052\206\110\206\367\015
\001\001\013\005\000\003\202\001\001\000\025\343\163\127\261\027
\266\137\111\151\104\246\366\136\172\147\254\322\336\165\111\253
\376\045\125\307\072\311\104\025\020\156\277\061\153\313\331\007
\223\177\034\205\143\000\343\062\022\340\314\313\373\071\154\217
\342\123\342\074\100\063\331\244\214\107\346\255\130\373\211\257
\343\336\206\051\126\064\054\105\270\022\372\104\211\156\055\024
\045\050\044\001\145\326\352\122\254\005\156\126\022\011\075\320
\164\364\327\275\006\312\250\072\215\126\102\372\215\162\076\164
\361\003\162\337\207\033\136\016\172\125\226\054\070\267\230\205
\315\115\063\104\311\224\217\132\061\060\067\113\243\072\022\263
\347\066\321\041\150\113\055\070\346\123\256\034\045\126\010\126
\003\147\204\235\306\303\316\044\142\307\114\066\317\260\006\104
\267\365\137\002\335\331\124\351\057\220\116\172\310\116\203\100
\014\232\227\074\067\277\277\354\366\360\264\205\167\050\301\013
\310\147\202\020\027\070\242\267\006\352\233\277\072\370\351\043
\007\277\164\340\230\070\025\125\170\356\162\000\134\031\243\364
\322\063\340\377\275\321\124\071\051\017

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER MULTILINE_OCTAL
\062\062\060\070\063\061\060\060\060\060\060\060\132

END

Trust for "Symantec Class 1 Public Primary Certification Authority - G6"
Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
Serial Number:24:32:75:f2:1d:2f:d2:09:33:f7:b4:6a:ca:d0:f3:98
Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US

```
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
9D:19:0B:2E:31:45:66:68:5B:E8:A8:89:E2:7A:A8:C7:D7:AE:1D:8A:AD:DB:A3:C1:EC:F9:D2:48:63:CD:34:B9
# Fingerprint (SHA1): 51:7F:61:1E:29:91:6B:53:82:FB:72:E7:44:D9:8D:C3:CC:53:6D:64
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\121\177\141\036\051\221\153\123\202\373\162\347\104\331\215\303
\314\123\155\144
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\057\250\264\332\366\144\113\036\202\371\106\075\124\032\174\260
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Symantec Class 2 Public Primary Certification Authority - G6"
#
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:64:82:9e:fc:37:1e:74:5d:fc:97:ff:97:c8:b1:ff:41
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
```

```
# Fingerprint (SHA-256):
CB:62:7D:18:B5:8A:D5:6D:DE:33:1A:30:45:6B:C6:5C:60:1A:4E:9B:18:DE:DC:EA:08:E7:DA:AA:07:81:5F:F0
# Fingerprint (SHA1): 40:B3:31:A0:E9:BF:E8:55:BC:39:93:CA:70:4F:4E:C2:51:D4:1D:8F
# For Email Distrust After: Wed Aug 31 00:00:00 2022
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
\377\101
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\144
\202\236\374\067\036\164\135\374\227\377\227\310\261\377\101\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143
\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105
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\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145
\143\040\103\154\141\163\163\040\062\040\120\165\142\154\151\143
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\055\040\107\066\060\036\027\015\061\061\061\060\061\070\060
\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074
\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\062
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\315\314\351
\005\310\143\205\313\077\100\143\027\275\030\372\065\346\004\147
\127\145\230\051\244\117\311\134\217\017\064\322\370\332\250\023
\142\252\270\036\120\147\170\260\026\114\240\071\251\025\172\256
\355\322\242\300\360\220\067\051\030\046\134\350\015\074\266\154
\111\077\301\340\334\331\113\266\024\031\013\246\323\226\341\326
\011\343\031\046\034\371\037\145\113\371\032\103\034\000\203\326
\320\252\111\242\324\333\346\142\070\272\120\024\103\155\371\061
\370\126\026\331\070\002\221\317\353\154\335\273\071\116\231\341
\060\147\105\361\324\360\215\303\337\376\362\070\007\041\175\000
\136\126\104\263\344\140\275\221\053\234\253\133\004\162\017\262
\050\331\162\253\005\040\102\045\251\133\003\152\040\020\314\061
\360\053\332\065\054\320\373\232\227\116\360\202\113\053\330\137
\066\243\013\055\257\143\015\035\045\177\241\156\134\142\241\215
\050\076\241\374\034\040\370\001\057\272\125\232\021\260\031\322
\310\120\171\153\016\152\005\327\252\004\066\262\243\362\341\137
\167\247\167\234\345\036\334\351\337\152\301\145\135\002\003\001
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\207\214\040\225\310\230\112\321\326\200\006\112\220\064
\104\337\034\115\277\260\060\015\006\011\052\206\110\206\367\015
\001\001\013\005\000\003\202\001\001\000\201\216\262\245\146\226
\267\041\245\266\357\157\043\132\137\333\201\305\102\245\170\301
\151\375\364\074\327\371\134\153\160\162\032\374\132\227\115\000
\200\210\210\202\212\303\161\015\216\305\211\233\054\355\215\013
\322\162\124\365\175\324\134\103\127\351\363\256\245\002\021\366
\166\053\201\127\335\175\332\164\060\375\124\107\366\340\026\156
\246\264\012\110\346\347\165\007\017\051\031\071\316\171\364\266
\154\305\137\231\325\037\113\372\337\155\054\074\015\124\200\160
\360\210\013\200\317\306\150\242\270\035\160\331\166\214\374\356

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\245\311\317\255\035\317\231\045\127\132\142\105\313\026\153\275
\111\315\245\243\214\151\171\045\256\270\114\154\213\100\146\113
\026\077\317\002\032\335\341\154\153\007\141\152\166\025\051\231
\177\033\335\210\200\301\277\265\217\163\305\246\226\043\204\246
\050\206\044\063\152\001\056\127\163\045\266\136\277\217\346\035
\141\250\100\051\147\035\207\233\035\177\233\237\231\315\061\326
\124\276\142\273\071\254\150\022\110\221\040\245\313\261\335\376
\157\374\132\344\202\125\131\257\061\251
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END

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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER MULTILINE_OCTAL
\062\062\060\070\063\061\060\060\060\060\060\060\132
```

END

```
# Trust for "Symantec Class 2 Public Primary Certification Authority - G6"
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:64:82:9e:fc:37:1e:74:5d:fc:97:ff:97:c8:b1:ff:41
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
CB:62:7D:18:B5:8A:D5:6D:DE:33:1A:30:45:6B:C6:5C:60:1A:4E:9B:18:DE:DC:EA:08:E7:DA:AA:07:81:5F:F0
# Fingerprint (SHA1): 40:B3:31:A0:E9:BF:E8:55:BC:39:93:CA:70:4F:4E:C2:51:D4:1D:8F
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\100\263\061\240\351\277\350\125\274\071\223\312\160\117\116\302
\121\324\035\217
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\175\013\203\345\373\174\255\007\117\040\251\265\337\143\355\171
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
```



```

\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
\377\101
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root CA 3 2013"
#
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Serial Number: 1039788 (0xfddac)
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Not Valid Before: Fri Sep 20 08:25:51 2013
# Not Valid After : Wed Sep 20 08:25:51 2028
# Fingerprint (SHA-256):
A1:A8:6D:04:12:1E:B8:7F:02:7C:66:F5:33:03:C2:8E:57:39:F9:43:FC:84:B3:8A:D6:AF:00:90:35:DD:94:57
# Fingerprint (SHA1): 6C:7C:CC:E7:D4:AE:51:5F:99:08:CD:3F:F6:E8:C3:78:DF:6F:EF:97
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\017\335\254
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\016\060\202\002\366\240\003\002\001\002\002\003\017

```

\335\254\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165
\163\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003
\014\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103
\101\040\063\040\062\060\061\063\060\036\027\015\061\063\060\071
\062\060\060\070\062\065\065\061\132\027\015\062\070\060\071\062
\060\060\070\062\065\065\061\132\060\105\061\013\060\011\006\003
\125\004\006\023\002\104\105\061\025\060\023\006\003\125\004\012
\014\014\104\055\124\162\165\163\164\040\107\155\142\110\061\037
\060\035\006\003\125\004\003\014\026\104\055\124\122\125\123\124
\040\122\157\157\164\040\103\101\040\063\040\062\060\061\063\060
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000
\304\173\102\222\202\037\354\355\124\230\216\022\300\312\011\337
\223\156\072\223\134\033\344\020\167\236\116\151\210\154\366\341
\151\362\366\233\242\141\261\275\007\040\164\230\145\361\214\046
\010\315\250\065\312\200\066\321\143\155\350\104\172\202\303\154
\136\336\273\350\066\322\304\150\066\214\237\062\275\204\042\340
\334\302\356\020\106\071\155\257\223\071\256\207\346\303\274\011
\311\054\153\147\133\331\233\166\165\114\013\340\273\305\327\274
\076\171\362\137\276\321\220\127\371\256\366\146\137\061\277\323
\155\217\247\272\112\363\043\145\273\267\357\243\045\327\012\352
\130\266\357\210\372\372\171\262\122\130\325\360\254\214\241\121
\164\051\225\252\121\073\220\062\003\237\034\162\164\220\336\075
\355\141\322\345\343\375\144\107\345\271\267\112\251\367\037\256
\226\206\004\254\057\343\244\201\167\267\132\026\377\330\017\077
\366\267\170\314\244\257\372\133\074\022\133\250\122\211\162\357
\210\363\325\104\201\206\225\043\237\173\335\274\331\064\357\174
\224\074\252\300\101\302\343\235\120\032\300\344\031\042\374\263
\002\003\001\000\001\243\202\001\005\060\202\001\001\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035
\006\003\125\035\016\004\026\004\024\077\220\310\175\307\025\157
\363\044\217\251\303\057\113\242\017\041\262\057\347\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201\276
\006\003\125\035\037\004\201\266\060\201\263\060\164\240\162\240
\160\206\156\154\144\141\160\072\057\057\144\151\162\145\143\164
\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164\057
\103\116\075\104\055\124\122\125\123\124\045\062\060\122\157\157
\164\045\062\060\103\101\045\062\060\063\045\062\060\062\060\061
\063\054\117\075\104\055\124\162\165\163\164\045\062\060\107\155
\142\110\054\103\075\104\105\077\143\145\162\164\151\146\151\143
\141\164\145\162\145\166\157\143\141\164\151\157\156\154\151\163
\164\060\073\240\071\240\067\206\065\150\164\164\160\072\057\057
\143\162\154\056\144\055\164\162\165\163\164\056\156\145\164\057
\143\162\154\057\144\055\164\162\165\163\164\137\162\157\157\164
\137\143\141\137\063\137\062\060\061\063\056\143\162\154\060\015
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001

```
\001\000\016\131\016\130\344\164\110\043\104\317\064\041\265\234
\024\032\255\232\113\267\263\210\155\134\251\027\160\360\052\237
\215\173\371\173\205\372\307\071\350\020\010\260\065\053\137\317
\002\322\323\234\310\013\036\356\005\124\256\067\223\004\011\175
\154\217\302\164\274\370\034\224\276\061\001\100\055\363\044\040
\267\204\125\054\134\310\365\164\112\020\031\213\243\307\355\065
\326\011\110\323\016\300\272\071\250\260\106\002\260\333\306\210
\131\302\276\374\173\261\053\317\176\142\207\125\226\314\001\157
\233\147\041\225\065\213\370\020\374\161\033\267\113\067\151\246
\073\326\354\213\356\301\260\363\045\311\217\222\175\241\352\303
\312\104\277\046\245\164\222\234\343\164\353\235\164\331\313\115
\207\330\374\264\151\154\213\240\103\007\140\170\227\351\331\223
\174\302\106\274\233\067\122\243\355\212\074\023\251\173\123\113
\111\232\021\005\054\013\156\126\254\037\056\202\154\340\151\147
\265\016\155\055\331\344\300\025\361\077\372\030\162\341\025\155
\047\133\055\060\050\053\237\110\232\144\053\231\357\362\165\111
\137\134
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "D-TRUST Root CA 3 2013"
```

```
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
```

```
# Serial Number: 1039788 (0xfddac)
```

```
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
```

```
# Not Valid Before: Fri Sep 20 08:25:51 2013
```

```
# Not Valid After : Wed Sep 20 08:25:51 2028
```

```
# Fingerprint (SHA-256):
```

```
A1:A8:6D:04:12:1E:B8:7F:02:7C:66:F5:33:03:C2:8E:57:39:F9:43:FC:84:B3:8A:D6:AF:00:90:35:DD:94:57
```

```
# Fingerprint (SHA1): 6C:7C:CC:E7:D4:AE:51:5F:99:08:CD:3F:F6:E8:C3:78:DF:6F:EF:97
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\154\174\314\347\324\256\121\137\231\010\315\077\366\350\303\170
\337\157\357\227
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\267\042\146\230\176\326\003\340\301\161\346\165\315\126\105\277
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
```

```
\040\063\040\062\060\061\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\017\335\254
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
#
# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Serial Number: 1 (0x1)
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Not Valid Before: Mon Nov 25 08:25:55 2013
# Not Valid After : Sun Oct 25 08:25:55 2043
# Fingerprint (SHA-256):
46:ED:C3:68:90:46:D5:3A:45:3F:B3:10:4A:B8:0D:CA:EC:65:8B:26:60:EA:16:29:DD:7E:86:79:90:64:87:16
# Fingerprint (SHA1): 31:43:64:9B:EC:CE:27:EC:ED:3A:3F:0B:8F:0D:E4:E8:91:DD:EE:CA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
```

\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\143\060\202\003\113\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145\040
\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003\125
\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154\151
\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157\152
\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165\162
\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055\060
\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145\162
\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145
\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060\064
\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040\113
\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040\123
\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165\162
\165\155\040\061\060\036\027\015\061\063\061\061\062\065\060\070
\062\065\065\065\132\027\015\064\063\061\060\062\065\060\070\062
\065\065\065\132\060\201\322\061\013\060\011\006\003\125\004\006
\023\002\124\122\061\030\060\026\006\003\125\004\007\023\017\107
\145\142\172\145\040\055\040\113\157\143\141\145\154\151\061\102
\060\100\006\003\125\004\012\023\071\124\165\162\153\151\171\145
\040\102\151\154\151\155\163\145\154\040\166\145\040\124\145\153
\156\157\154\157\152\151\153\040\101\162\141\163\164\151\162\155
\141\040\113\165\162\165\155\165\040\055\040\124\125\102\111\124
\101\113\061\055\060\053\006\003\125\004\013\023\044\113\141\155
\165\040\123\145\162\164\151\146\151\153\141\163\171\157\156\040
\115\145\162\153\145\172\151\040\055\040\113\141\155\165\040\123
\115\061\066\060\064\006\003\125\004\003\023\055\124\125\102\111
\124\101\113\040\113\141\155\165\040\123\115\040\123\123\114\040
\113\157\153\040\123\145\162\164\151\146\151\153\141\163\151\040

\055\040\123\165\162\165\155\040\061\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\257\165\060\063\252\273
\153\323\231\054\022\067\204\331\215\173\227\200\323\156\347\377
\233\120\225\076\220\225\126\102\327\031\174\046\204\215\222\372
\001\035\072\017\342\144\070\267\214\274\350\210\371\213\044\253
\056\243\365\067\344\100\216\030\045\171\203\165\037\073\377\154
\250\305\306\126\370\264\355\212\104\243\253\154\114\374\035\320
\334\357\150\275\317\344\252\316\360\125\367\242\064\324\203\153
\067\174\034\302\376\265\003\354\127\316\274\264\265\305\355\000
\017\123\067\052\115\364\117\014\203\373\206\317\313\376\214\116
\275\207\371\247\213\041\127\234\172\337\003\147\211\054\235\227
\141\247\020\270\125\220\177\016\055\047\070\164\337\347\375\332
\116\022\343\115\025\042\002\310\340\340\374\017\255\212\327\311
\124\120\314\073\017\312\026\200\204\320\121\126\303\216\126\177
\211\042\063\057\346\205\012\275\245\250\033\066\336\323\334\054
\155\073\307\023\275\131\043\054\346\345\244\367\330\013\355\352
\220\100\104\250\225\273\223\325\320\200\064\266\106\170\016\037
\000\223\106\341\356\351\371\354\117\027\002\003\001\000\001\243
\102\060\100\060\035\006\003\125\035\016\004\026\004\024\145\077
\307\212\206\306\074\335\074\124\134\065\370\072\355\122\014\107
\127\310\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\001\001\000\052\077\341\361\062\216\256\341\230
\134\113\136\317\153\036\152\011\322\042\251\022\307\136\127\175
\163\126\144\200\204\172\223\344\011\271\020\315\237\052\047\341
\000\167\276\110\310\065\250\201\237\344\270\054\311\177\016\260
\322\113\067\135\352\271\325\013\136\064\275\364\163\051\303\355
\046\025\234\176\010\123\212\130\215\320\113\050\337\301\263\337
\040\363\371\343\343\072\337\314\234\224\330\116\117\303\153\027
\267\367\162\350\255\146\063\265\045\123\253\340\370\114\251\235
\375\362\015\272\256\271\331\252\306\153\371\223\273\256\253\270
\227\074\003\032\272\103\306\226\271\105\162\070\263\247\241\226
\075\221\173\176\300\041\123\114\207\355\362\013\124\225\121\223
\325\042\245\015\212\361\223\016\076\124\016\260\330\311\116\334
\362\061\062\126\352\144\371\352\265\235\026\146\102\162\363\177
\323\261\061\103\374\244\216\027\361\155\043\253\224\146\370\255
\373\017\010\156\046\055\177\027\007\011\262\214\373\120\300\237
\226\215\317\266\375\000\235\132\024\232\277\002\104\365\301\302
\237\042\136\242\017\241\343

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"

Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu

```
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Serial Number: 1 (0x1)
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Not Valid Before: Mon Nov 25 08:25:55 2013
# Not Valid After : Sun Oct 25 08:25:55 2043
# Fingerprint (SHA-256):
46:ED:C3:68:90:46:D5:3A:45:3F:B3:10:4A:B8:0D:CA:EC:65:8B:26:60:EA:16:29:DD:7E:86:79:90:64:87:16
# Fingerprint (SHA1): 31:43:64:9B:EC:CE:27:EC:ED:3A:3F:0B:8F:0D:E4:E8:91:DD:EE:CA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\061\103\144\233\354\316\047\354\355\072\077\013\217\015\344\350
\221\335\356\312
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\334\000\201\334\151\057\076\057\260\073\366\075\132\221\216\111
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GDCA TrustAUTH R5 ROOT"
#
```

```
# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
CO.,LTD.",C=CN
# Serial Number:7d:09:97:fe:f0:47:ea:7a
# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
CO.,LTD.",C=CN
# Not Valid Before: Wed Nov 26 05:13:15 2014
# Not Valid After : Mon Dec 31 15:59:59 2040
# Fingerprint (SHA-256):
BF:FF:8F:D0:44:33:48:7D:6A:8A:A6:0C:1A:29:76:7A:9F:C2:BB:B0:5E:42:0F:71:3A:13:B9:92:89:1D:38:93
# Fingerprint (SHA1): 0F:36:38:5B:81:1A:25:C3:9B:31:4E:83:CA:E9:34:66:70:CC:74:B4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\227\376\360\107\352\172
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\210\060\202\003\160\240\003\002\001\002\002\010\175
\011\227\376\360\107\352\172\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\142\061\013\060\011\006\003\125\004
\006\023\002\103\116\061\062\060\060\006\003\125\004\012\014\051
\107\125\101\116\107\040\104\117\116\107\040\103\105\122\124\111
\106\111\103\101\124\105\040\101\125\124\110\117\122\111\124\131
\040\103\117\056\054\114\124\104\056\061\037\060\035\006\003\125
\004\003\014\026\107\104\103\101\040\124\162\165\163\164\101\125
\124\110\040\122\065\040\122\117\117\124\060\036\027\015\061\064
```


\061\061\062\066\060\065\061\063\061\065\132\027\015\064\060\061
\062\063\061\061\065\065\071\065\071\132\060\142\061\013\060\011
\006\003\125\004\006\023\002\103\116\061\062\060\060\006\003\125
\004\012\014\051\107\125\101\116\107\040\104\117\116\107\040\103
\105\122\124\111\106\111\103\101\124\105\040\101\125\124\110\117
\122\111\124\131\040\103\117\056\054\114\124\104\056\061\037\060
\035\006\003\125\004\003\014\026\107\104\103\101\040\124\162\165
\163\164\101\125\124\110\040\122\065\040\122\117\117\124\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\331
\243\026\360\310\164\164\167\233\357\063\015\073\006\176\125\374
\265\140\217\166\206\022\102\175\126\146\076\210\202\355\162\143
\016\236\213\335\064\054\002\121\121\303\031\375\131\124\204\311
\361\153\263\114\260\351\350\106\135\070\306\242\247\056\021\127
\272\202\025\242\234\217\155\260\231\112\012\362\353\211\160\143
\116\171\304\267\133\275\242\135\261\362\101\002\053\255\251\072
\243\354\171\012\354\137\072\343\375\357\200\074\255\064\233\032
\253\210\046\173\126\242\202\206\037\353\065\211\203\177\137\256
\051\116\075\266\156\354\256\301\360\047\233\256\343\364\354\357
\256\177\367\206\075\162\172\353\245\373\131\116\247\353\225\214
\042\071\171\341\055\010\217\314\274\221\270\101\367\024\301\043
\251\303\255\232\105\104\263\262\327\054\315\306\051\342\120\020
\256\134\313\202\216\027\030\066\175\227\346\210\232\260\115\064
\011\364\054\271\132\146\052\260\027\233\236\036\166\235\112\146
\061\101\337\077\373\305\006\357\033\266\176\032\106\066\367\144
\143\073\343\071\030\043\347\147\165\024\325\165\127\222\067\275
\276\152\033\046\120\362\066\046\006\220\305\160\001\144\155\166
\146\341\221\333\156\007\300\141\200\056\262\056\057\214\160\247
\321\073\074\263\221\344\156\266\304\073\160\362\154\222\227\011
\315\107\175\030\300\363\273\236\017\326\213\256\007\266\132\017
\316\013\014\107\247\345\076\270\275\175\307\233\065\240\141\227
\072\101\165\027\314\053\226\167\052\222\041\036\331\225\166\040
\147\150\317\015\275\337\326\037\011\152\232\342\314\163\161\244
\057\175\022\200\267\123\060\106\136\113\124\231\017\147\311\245
\310\362\040\301\202\354\235\021\337\302\002\373\032\073\321\355
\040\232\357\145\144\222\020\015\052\342\336\160\361\030\147\202
\214\141\336\270\274\321\057\234\373\017\320\053\355\033\166\271
\344\071\125\370\370\241\035\270\252\200\000\114\202\347\262\177
\011\270\274\060\240\057\015\365\122\236\216\367\222\263\012\000
\035\000\124\227\006\340\261\007\331\307\017\134\145\175\074\155
\131\127\344\355\245\215\351\100\123\237\025\113\240\161\366\032
\041\343\332\160\006\041\130\024\207\205\167\171\252\202\171\002
\003\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004
\026\004\024\342\311\100\237\115\316\350\232\241\174\317\016\077
\145\305\051\210\152\031\121\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\003\202\002\001\000\321\111\127\340

\247\314\150\130\272\001\017\053\031\315\215\260\141\105\254\021
\355\143\120\151\370\037\177\276\026\217\375\235\353\013\252\062
\107\166\322\147\044\355\275\174\063\062\227\052\307\005\206\146
\015\027\175\024\025\033\324\353\375\037\232\366\136\227\151\267
\032\045\244\012\263\221\077\137\066\254\213\354\127\250\076\347
\201\212\030\127\071\205\164\032\102\307\351\133\023\137\217\371
\010\351\222\164\215\365\107\322\253\073\326\373\170\146\116\066
\175\371\351\222\351\004\336\375\111\143\374\155\373\024\161\223
\147\057\107\112\267\271\377\036\052\163\160\106\060\277\132\362
\057\171\245\341\215\014\331\371\262\143\067\214\067\145\205\160
\152\134\133\011\162\271\255\143\074\261\335\370\374\062\277\067
\206\344\273\216\230\047\176\272\037\026\341\160\021\362\003\337
\045\142\062\047\046\030\062\204\237\377\000\072\023\272\232\115
\364\117\270\024\160\042\261\312\053\220\316\051\301\160\364\057
\235\177\362\220\036\326\132\337\267\106\374\346\206\372\313\340
\040\166\172\272\246\313\365\174\336\142\245\261\213\356\336\202
\146\212\116\072\060\037\077\200\313\255\047\272\014\136\327\320
\261\126\312\167\161\262\265\165\241\120\251\100\103\027\302\050
\331\317\122\213\133\310\143\324\102\076\240\063\172\106\056\367
\012\040\106\124\176\152\117\061\361\201\176\102\164\070\145\163
\047\356\306\174\270\216\327\245\072\327\230\241\234\214\020\125
\323\333\113\354\100\220\362\315\156\127\322\142\016\174\127\223
\261\247\155\315\235\203\273\052\347\345\266\073\161\130\255\375
\321\105\274\132\221\356\123\025\157\323\105\011\165\156\272\220
\135\036\004\317\067\337\036\250\146\261\214\346\040\152\357\374
\110\116\164\230\102\257\051\157\056\152\307\373\175\321\146\061
\042\314\206\000\176\146\203\014\102\364\275\064\222\303\032\352
\117\312\176\162\115\013\160\214\246\110\273\246\241\024\366\373
\130\104\231\024\256\252\013\223\151\240\051\045\112\245\313\053
\335\212\146\007\026\170\025\127\161\033\354\365\107\204\363\236
\061\067\172\325\177\044\255\344\274\375\375\314\156\203\350\014
\250\267\101\154\007\335\275\074\206\227\057\322

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "GDCA TrustAUTH R5 ROOT"

Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
CO.,LTD.",C=CN

Serial Number:7d:09:97:fe:f0:47:ea:7a

Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
CO.,LTD.",C=CN

Not Valid Before: Wed Nov 26 05:13:15 2014

Not Valid After : Mon Dec 31 15:59:59 2040

Fingerprint (SHA-256):

BF:FF:8F:DO:44:33:48:7D:6A:8A:A6:0C:1A:29:76:7A:9F:C2:BB:B0:5E:42:0F:71:3A:13:B9:92:89:1D:38:93

Fingerprint (SHA1): 0F:36:38:5B:81:1A:25:C3:9B:31:4E:83:CA:E9:34:66:70:CC:74:B4

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\066\070\133\201\032\045\303\233\061\116\203\312\351\064\146
\160\314\164\264
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\143\314\331\075\064\065\134\157\123\243\342\010\160\110\037\264
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\227\376\360\107\352\172
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor RootCert CA-1"
#
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:da:9b:ec:71:f3:03:b0:19
# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:16 2016
# Not Valid After : Mon Dec 31 17:23:16 2029
# Fingerprint (SHA-256):
D4:0E:9C:86:CD:8F:E4:68:C1:77:69:59:F4:9E:A7:74:FA:54:86:84:B6:C4:06:F3:90:92:61:F4:DC:E2:57:5C
# Fingerprint (SHA1): FF:BD:CD:E7:82:C8:43:5E:3C:6F:26:86:5C:CA:A8:3A:45:5B:C3:0A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA_SUBJECT MULTILINE_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\011\000\332\233\354\161\363\003\260\031

END

CKA_VALUE MULTILINE_OCTAL

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\367\015\001\001\013\005\000\060\201\244\061\013\060\011\006\003
\125\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010
\014\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004
\007\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044
\060\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157
\162\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040
\122\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124
\162\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\061\037\060
\035\006\003\125\004\003\014\026\124\162\165\163\164\103\157\162
\040\122\157\157\164\103\145\162\164\040\103\101\055\061\060\036
\027\015\061\066\060\062\060\064\061\062\063\062\061\066\132\027
\015\062\071\061\062\063\061\061\067\062\063\061\066\132\060\201
\244\061\013\060\011\006\003\125\004\006\023\002\120\101\061\017
\060\015\006\003\125\004\010\014\006\120\141\156\141\155\141\061

\024\060\022\006\003\125\004\007\014\013\120\141\156\141\155\141
\040\103\151\164\171\061\044\060\042\006\003\125\004\012\014\033
\124\162\165\163\164\103\157\162\040\123\171\163\164\145\155\163
\040\123\056\040\144\145\040\122\056\114\056\061\047\060\045\006
\003\125\004\013\014\036\124\162\165\163\164\103\157\162\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171\061\037\060\035\006\003\125\004\003\014\026\124
\162\165\163\164\103\157\162\040\122\157\157\164\103\145\162\164
\040\103\101\055\061\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\277\216\267\225\342\302\046\022\153\063
\031\307\100\130\012\253\131\252\215\000\243\374\200\307\120\173
\216\324\040\046\272\062\022\330\043\124\111\045\020\042\230\235
\106\322\301\311\236\116\033\056\054\016\070\363\032\045\150\034
\246\132\005\346\036\213\110\277\230\226\164\076\151\312\351\265
\170\245\006\274\325\000\136\011\012\362\047\172\122\374\055\325
\261\352\264\211\141\044\363\032\023\333\251\317\122\355\014\044
\272\271\236\354\176\000\164\372\223\255\154\051\222\256\121\264
\273\323\127\277\263\363\250\215\234\364\044\113\052\326\231\236
\364\236\376\300\176\102\072\347\013\225\123\332\267\150\016\220
\114\373\160\077\217\112\054\224\363\046\335\143\151\251\224\330
\020\116\305\107\010\220\231\033\027\115\271\154\156\357\140\225
\021\216\041\200\265\275\240\163\330\320\262\167\304\105\352\132
\046\373\146\166\166\370\006\037\141\155\017\125\305\203\267\020
\126\162\006\007\245\363\261\032\003\005\144\016\235\132\212\326
\206\160\033\044\336\376\050\212\053\320\152\260\374\172\242\334
\262\171\016\213\145\017\002\003\001\000\001\243\143\060\141\060
\035\006\003\125\035\016\004\026\004\024\356\153\111\074\172\077
\015\343\261\011\267\212\310\253\031\237\163\063\120\347\060\037
\006\003\125\035\043\004\030\060\026\200\024\356\153\111\074\172
\077\015\343\261\011\267\212\310\253\031\237\163\063\120\347\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\001\001\000\045\030\324\221\217\023\356\217\036\035\021\123
\332\055\104\051\031\240\036\153\061\236\115\016\236\255\075\134
\101\157\225\053\044\241\171\230\072\070\066\373\273\146\236\110
\377\220\220\357\075\324\270\233\264\207\165\077\040\233\316\162
\317\241\125\301\115\144\242\031\006\241\007\063\014\013\051\345
\361\352\253\243\354\265\012\164\220\307\175\162\362\327\134\237
\221\357\221\213\267\334\355\146\242\317\216\146\073\274\237\072
\002\340\047\335\026\230\300\225\324\012\244\344\201\232\165\224
\065\234\220\137\210\067\006\255\131\225\012\260\321\147\323\031
\312\211\347\062\132\066\034\076\202\250\132\223\276\306\320\144
\221\266\317\331\266\030\317\333\176\322\145\243\246\304\216\027
\061\301\373\176\166\333\323\205\343\130\262\167\172\166\073\154
\057\120\034\347\333\366\147\171\037\365\202\225\232\007\247\024
\257\217\334\050\041\147\011\322\326\115\132\034\031\034\216\167

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\134\303\224\044\075\062\153\113\176\324\170\224\203\276\067\115
\316\137\307\036\116\074\340\211\063\225\013\017\245\062\326\074
\132\171\054\031
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Trust for "TrustCor RootCert CA-1"

Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

Serial Number:00:da:9b:ec:71:f3:03:b0:19

Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

Not Valid Before: Thu Feb 04 12:32:16 2016

Not Valid After : Mon Dec 31 17:23:16 2029

Fingerprint (SHA-256):

D4:0E:9C:86:CD:8F:E4:68:C1:77:69:59:F4:9E:A7:74:FA:54:86:84:B6:C4:06:F3:90:92:61:F4:DC:E2:57:5C

Fingerprint (SHA1): FF:BD:CD:E7:82:C8:43:5E:3C:6F:26:86:5C:CA:A8:3A:45:5B:C3:0A

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
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\377\275\315\347\202\310\103\136\074\157\046\206\134\312\250\072
\105\133\303\012
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
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```
\156\205\361\334\032\000\323\042\325\262\262\254\153\067\005\105
END
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```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
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END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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```
\002\011\000\332\233\354\161\363\003\260\031
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "TrustCor RootCert CA-2"

#

Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA

Serial Number:25:a1:df:ca:33:cb:59:02

Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA

Not Valid Before: Thu Feb 04 12:32:23 2016

Not Valid After : Sun Dec 31 17:26:39 2034

Fingerprint (SHA-256):

07:53:E9:40:37:8C:1B:D5:E3:83:6E:39:5D:AE:A5:CB:83:9E:50:46:F1:BD:0E:AE:19:51:CF:10:FE:C7:C9:65

Fingerprint (SHA1): B8:BE:6D:CB:56:F1:55:B9:63:D4:12:CA:4E:06:34:C7:94:B2:1C:C0

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "TrustCor RootCert CA-2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145

\162\164\040\103\101\055\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\045\241\337\312\063\313\131\002

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\057\060\202\004\027\240\003\002\001\002\002\010\045
\241\337\312\063\313\131\002\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\201\244\061\013\060\011\006\003\125
\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010\014
\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004\007
\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044\060
\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157\162
\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040\122
\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124\162
\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143\141
\164\145\040\101\165\164\150\157\162\151\164\171\061\037\060\035
\006\003\125\004\003\014\026\124\162\165\163\164\103\157\162\040
\122\157\157\164\103\145\162\164\040\103\101\055\062\060\036\027
\015\061\066\060\062\060\064\061\062\063\062\062\063\132\027\015
\063\064\061\062\063\061\061\067\062\066\063\071\132\060\201\244
\061\013\060\011\006\003\125\004\006\023\002\120\101\061\017\060
\015\006\003\125\004\010\014\006\120\141\156\141\155\141\061\024
\060\022\006\003\125\004\007\014\013\120\141\156\141\155\141\040
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\123\056\040\144\145\040\122\056\114\056\061\047\060\045\006\003
\125\004\013\014\036\124\162\165\163\164\103\157\162\040\103\145
\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162
\151\164\171\061\037\060\035\006\003\125\004\003\014\026\124\162
\165\163\164\103\157\162\040\122\157\157\164\103\145\162\164\040
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\101\132\236\165\335\215\312\340\233\354\150\062\244\151\222\150
\214\013\201\016\126\240\076\032\335\054\045\024\202\057\227\323
\144\106\364\124\251\334\072\124\055\061\053\231\202\362\331\052
\327\357\161\000\270\061\244\276\172\044\007\303\102\040\362\212
\324\222\004\033\145\126\114\154\324\373\266\141\132\107\043\264
\330\151\264\267\072\320\164\074\014\165\241\214\116\166\241\351
\333\052\245\073\372\316\260\377\176\152\050\375\047\034\310\261
\351\051\361\127\156\144\264\320\301\025\155\016\276\056\016\106
\310\136\364\121\376\357\016\143\072\073\161\272\317\157\131\312
\014\343\233\135\111\270\114\342\127\261\230\212\102\127\234\166
\357\357\275\321\150\250\322\364\011\273\167\065\276\045\202\010
\304\026\054\104\040\126\251\104\021\167\357\135\264\035\252\136

\153\076\213\062\366\007\057\127\004\222\312\365\376\235\302\351
\350\263\216\114\113\002\061\331\344\074\110\202\047\367\030\202
\166\110\072\161\261\023\241\071\325\056\305\064\302\035\142\205
\337\003\376\115\364\257\075\337\134\133\215\372\160\341\245\176
\047\307\206\056\152\217\022\306\204\136\103\121\120\234\031\233
\170\346\374\366\355\107\176\173\075\146\357\023\023\210\137\074
\241\143\373\371\254\207\065\237\363\202\236\244\077\012\234\061
\151\213\231\244\210\112\216\156\146\115\357\026\304\017\171\050
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\377\175\315\133\341\324\254\141\173\127\325\112\173\133\324\205
\130\047\135\277\370\053\140\254\240\046\256\024\041\047\306\167
\232\063\200\074\136\106\077\367\303\261\243\206\063\306\350\136
\015\271\065\054\252\106\301\205\002\165\200\240\353\044\373\025
\252\344\147\177\156\167\077\364\004\212\057\174\173\343\027\141
\360\335\011\251\040\310\276\011\244\320\176\104\303\262\060\112
\070\252\251\354\030\232\007\202\053\333\270\234\030\255\332\340
\106\027\254\317\135\002\003\001\000\001\243\143\060\141\060\035
\006\003\125\035\016\004\026\004\024\331\376\041\100\156\224\236
\274\233\075\234\175\230\040\031\345\214\060\142\262\060\037\006
\003\125\035\043\004\030\060\026\200\024\331\376\041\100\156\224
\236\274\233\075\234\175\230\040\031\345\214\060\142\262\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202
\002\001\000\236\105\236\014\073\266\357\341\072\310\174\321\000
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\164\247\054\360\010\330\171\132\327\132\204\212\330\022\232\033
\331\175\134\115\160\305\245\371\253\345\243\211\211\335\001\372
\354\335\371\351\222\227\333\260\106\102\363\323\142\252\225\376
\061\147\024\151\130\220\012\252\013\356\067\043\307\120\121\264
\365\176\236\343\173\367\344\314\102\062\055\111\014\313\377\111
\014\233\036\064\375\156\156\226\212\171\003\266\157\333\011\313
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\037\351\033\052\306\371\272\001\032\151\277\322\130\307\124\127
\010\217\341\071\140\167\113\254\131\204\032\210\361\335\313\117
\170\327\347\341\063\055\374\356\101\372\040\260\276\313\367\070
\224\300\341\320\205\017\273\355\054\163\253\355\376\222\166\032
\144\177\133\015\063\011\007\063\173\006\077\021\244\134\160\074
\205\300\317\343\220\250\203\167\372\333\346\305\214\150\147\020
\147\245\122\055\360\304\231\217\177\277\321\153\342\265\107\326
\331\320\205\231\115\224\233\017\113\215\356\000\132\107\035\021
\003\254\101\030\257\207\267\157\014\072\217\312\317\334\003\301
\242\011\310\345\375\200\136\310\140\102\001\033\032\123\132\273
\067\246\267\274\272\204\351\036\154\032\324\144\332\324\103\376
\223\213\113\362\054\171\026\020\324\223\013\210\217\241\330\206
\024\106\221\107\233\050\044\357\127\122\116\134\102\234\252\367

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\111\354\047\350\100\036\263\246\211\042\162\234\365\015\063\264
\130\243\060\073\335\324\152\124\223\276\032\115\363\223\224\367
\374\204\013\077\204\040\134\064\003\104\305\332\255\274\012\301
\002\317\036\345\224\331\363\216\133\330\114\360\235\354\141\027
\273\024\062\124\014\002\051\223\036\222\206\366\177\357\347\222
\005\016\131\335\231\010\056\056\372\234\000\122\323\305\146\051
\344\247\227\104\244\016\050\201\023\065\305\366\157\144\346\101
\304\325\057\314\064\105\045\317\101\000\226\075\112\056\302\226
\230\117\116\112\234\227\267\333\037\222\062\310\377\017\121\156
\326\354\011
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END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "TrustCor RootCert CA-2"
```

```
# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
```

```
# Serial Number:25:a1:df:ca:33:cb:59:02
```

```
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
```

```
# Not Valid Before: Thu Feb 04 12:32:23 2016
```

```
# Not Valid After : Sun Dec 31 17:26:39 2034
```

```
# Fingerprint (SHA-256):
```

```
07:53:E9:40:37:8C:1B:D5:E3:83:6E:39:5D:AE:A5:CB:83:9E:50:46:F1:BD:0E:AE:19:51:CF:10:FE:C7:C9:65
```

```
# Fingerprint (SHA1): B8:BE:6D:CB:56:F1:55:B9:63:D4:12:CA:4E:06:34:C7:94:B2:1C:C0
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TrustCor RootCert CA-2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\270\276\155\313\126\361\125\271\143\324\022\312\116\006\064\307
\224\262\034\300
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\242\341\370\030\013\272\105\325\307\101\052\273\067\122\105\144
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
```

\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\045\241\337\312\063\313\131\002

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "TrustCor ECA-1"

#

Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama
City,ST=Panama,C=PA

Serial Number:00:84:82:2c:5f:1c:62:d0:40

Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama
City,ST=Panama,C=PA

Not Valid Before: Thu Feb 04 12:32:33 2016

Not Valid After : Mon Dec 31 17:28:07 2029

Fingerprint (SHA-256):

5A:88:5D:B1:9C:01:D9:12:C5:75:93:88:93:8C:AF:BB:DF:03:1A:B2:D4:8E:91:EE:15:58:9B:42:97:1D:03:9C

Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "TrustCor ECA-1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012

\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\011\000\204\202\054\137\034\142\320\100

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\040\060\202\003\010\240\003\002\001\002\002\011\000
\204\202\054\137\034\142\320\100\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\060\201\234\061\013\060\011\006\003
\125\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010
\014\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004
\007\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044
\060\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157
\162\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040
\122\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124
\162\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\061\027\060
\025\006\003\125\004\003\014\016\124\162\165\163\164\103\157\162
\040\105\103\101\055\061\060\036\027\015\061\066\060\062\060\064
\061\062\063\062\063\063\132\027\015\062\071\061\062\063\061\061
\067\062\070\060\067\132\060\201\234\061\013\060\011\006\003\125
\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010\014
\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004\007
\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044\060
\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157\162
\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040\122
\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124\162
\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143\141
\164\145\040\101\165\164\150\157\162\151\164\171\061\027\060\025
\006\003\125\004\003\014\016\124\162\165\163\164\103\157\162\040
\105\103\101\055\061\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\317\217\340\021\265\237\250\166\166\333
\337\017\124\357\163\143\051\202\255\107\306\243\153\355\376\137
\063\370\103\121\351\032\063\221\061\027\240\164\304\324\247\001
\346\262\222\076\152\235\355\016\371\164\230\100\323\077\003\200
\006\202\100\350\261\342\247\121\247\035\203\046\153\253\336\372
\027\221\053\330\306\254\036\261\236\031\001\325\227\246\352\015
\267\304\125\037\047\174\322\010\325\166\037\051\025\207\100\071
\335\070\105\021\165\320\232\247\064\340\277\315\310\122\035\271
\107\176\015\270\273\306\014\366\163\127\026\132\176\103\221\037
\125\072\306\155\104\004\252\234\251\234\247\114\211\027\203\256
\243\004\136\122\200\213\036\022\045\021\031\327\014\175\175\061

\104\101\352\333\257\260\034\357\201\320\054\305\232\041\233\075
\355\102\073\120\046\362\354\316\161\141\006\142\041\124\116\177
\301\235\076\177\040\214\200\313\052\330\227\142\310\203\063\221
\175\260\242\132\017\127\350\073\314\362\045\262\324\174\057\354
\115\306\241\072\025\172\347\266\135\065\365\366\110\112\066\105
\146\324\272\230\130\301\002\003\001\000\001\243\143\060\141\060
\035\006\003\125\035\016\004\026\004\024\104\236\110\365\314\155
\110\324\240\113\177\376\131\044\057\203\227\231\232\206\060\037
\006\003\125\035\043\004\030\060\026\200\024\104\236\110\365\314
\155\110\324\240\113\177\376\131\044\057\203\227\231\232\206\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\001\001\000\005\076\065\134\025\160\233\311\307\163\141\157
\162\053\324\302\217\362\103\135\002\316\304\224\271\224\021\203
\147\135\342\147\154\165\166\277\273\014\252\066\306\255\107\223
\143\334\036\176\326\336\056\376\351\031\062\070\003\177\024\366
\000\163\054\131\261\041\006\341\373\254\030\225\014\243\377\231
\226\367\053\047\233\325\044\314\035\335\301\072\340\230\104\260
\304\344\076\167\261\163\251\144\054\366\034\001\174\077\135\105
\205\300\205\347\045\217\225\334\027\363\074\237\032\156\260\312
\343\035\052\351\114\143\372\044\141\142\326\332\176\266\034\154
\365\002\035\324\052\335\125\220\353\052\021\107\074\056\136\164
\262\202\042\245\175\123\037\105\354\047\221\175\347\042\026\350
\300\150\066\330\306\361\117\200\104\062\371\341\321\321\035\252
\336\250\253\234\004\257\255\040\016\144\230\115\245\153\300\110
\130\226\151\115\334\007\214\121\223\242\337\237\017\075\213\140
\264\202\215\252\010\116\142\105\340\371\013\322\340\340\074\133
\336\134\161\047\045\302\346\003\201\213\020\123\343\307\125\242
\264\237\327\346

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "TrustCor ECA-1"

Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

Serial Number:00:84:82:2c:5f:1c:62:d0:40

Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

Not Valid Before: Thu Feb 04 12:32:33 2016

Not Valid After : Mon Dec 31 17:28:07 2029

Fingerprint (SHA-256):

5A:88:5D:B1:9C:01:D9:12:C5:75:93:88:93:8C:AF:BB:DF:03:1A:B2:D4:8E:91:EE:15:58:9B:42:97:1D:03:9C

Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor ECA-1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\321\337\225\225\147\153\143\300\360\133\034\027\115\213\204
\013\310\170\275

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\047\222\043\035\012\365\100\174\351\346\153\235\330\365\347\154
END

CKA_ISSUER MULTILINE_OCTAL
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\204\202\054\137\034\142\320\100

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "SSL.com Root Certification Authority RSA"

#

Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

Serial Number:7b:2c:9b:d3:16:80:32:99

Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

Not Valid Before: Fri Feb 12 17:39:39 2016

Not Valid After : Tue Feb 12 17:39:39 2041

Fingerprint (SHA-256):

85:66:6A:56:2E:E0:BE:5C:E9:25:C1:D8:89:0A:6F:76:A8:7E:C1:6D:4D:7D:5F:29:EA:74:19:CF:20:12:3B:69

Fingerprint (SHA1): B7:AB:33:08:D1:EA:44:77:BA:14:80:12:5A:6F:BD:A9:36:49:0C:BB

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SSL.com Root Certification Authority RSA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\122\123\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\122\123\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\173\054\233\323\026\200\062\231

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\335\060\202\003\305\240\003\002\001\002\002\010\173
\054\233\323\026\200\062\231\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\174\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014\005
\124\145\170\141\163\061\020\060\016\006\003\125\004\007\014\007
\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004\012
\014\017\123\123\114\040\103\157\162\160\157\162\141\164\151\157
\156\061\061\060\057\006\003\125\004\003\014\050\123\123\114\056
\143\157\155\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\122\123\101\060\036\027\015\061\066\060\062\061\062\061\067
\063\071\063\071\132\027\015\064\061\060\062\061\062\061\067\063
\071\063\071\132\060\174\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145
\170\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157
\165\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017
\123\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061
\061\060\057\006\003\125\004\003\014\050\123\123\114\056\143\157
\155\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\060\202\002\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202
\002\001\000\371\017\335\243\053\175\313\320\052\376\354\147\205
\246\347\056\033\272\167\341\343\365\257\244\354\372\112\135\221

\304\127\107\153\030\167\153\166\362\375\223\344\075\017\302\026
\236\013\146\303\126\224\236\027\203\205\316\126\357\362\026\375
\000\142\365\042\011\124\350\145\027\116\101\271\340\117\106\227
\252\033\310\270\156\142\136\151\261\137\333\052\002\176\374\154
\312\363\101\330\355\320\350\374\077\141\110\355\260\003\024\035
\020\016\113\031\340\273\116\354\206\145\377\066\363\136\147\002
\013\235\206\125\141\375\172\070\355\376\342\031\000\267\157\241
\120\142\165\164\074\240\372\310\045\222\264\156\172\042\307\370
\036\241\343\262\335\221\061\253\053\035\004\377\245\112\004\067
\351\205\244\063\053\375\342\326\125\064\174\031\244\112\150\307
\262\250\323\267\312\241\223\210\353\301\227\274\214\371\035\331
\042\204\044\164\307\004\075\152\251\051\223\314\353\270\133\341
\376\137\045\252\064\130\310\301\043\124\235\033\230\021\303\070
\234\176\075\206\154\245\017\100\206\174\002\364\134\002\117\050
\313\256\161\237\017\072\310\063\376\021\045\065\352\374\272\305
\140\075\331\174\030\325\262\251\323\165\170\003\162\042\312\072
\303\037\357\054\345\056\251\372\236\054\266\121\106\375\257\003
\326\352\140\150\352\205\026\066\153\205\351\036\300\263\335\304
\044\334\200\052\201\101\155\224\076\310\340\311\201\101\000\236
\136\277\177\305\010\230\242\030\054\102\100\263\371\157\070\047
\113\116\200\364\075\201\107\340\210\174\352\034\316\265\165\134
\121\056\034\053\177\032\162\050\347\000\265\321\164\306\327\344
\237\255\007\223\266\123\065\065\374\067\344\303\366\135\026\276
\041\163\336\222\012\370\240\143\152\274\226\222\152\076\370\274
\145\125\233\336\365\015\211\046\004\374\045\032\246\045\151\313
\302\155\312\174\342\131\137\227\254\353\357\056\310\274\327\033
\131\074\053\314\362\031\310\223\153\047\143\031\317\374\351\046
\370\312\161\233\177\223\376\064\147\204\116\231\353\374\263\170
\011\063\160\272\146\246\166\355\033\163\353\032\245\015\304\042
\023\040\224\126\012\116\054\154\116\261\375\317\234\011\272\242
\063\355\207\002\003\001\000\001\243\143\060\141\060\035\006\003
\125\035\016\004\026\004\024\335\004\011\007\242\365\172\175\122
\123\022\222\225\356\070\200\045\015\246\131\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003
\125\035\043\004\030\060\026\200\024\335\004\011\007\242\365\172
\175\122\123\022\222\225\356\070\200\045\015\246\131\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\206\060\015\006
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001
\000\040\030\021\224\051\373\046\235\034\036\036\160\141\361\225
\162\223\161\044\255\150\223\130\216\062\257\033\263\160\003\374
\045\053\164\205\220\075\170\152\364\271\213\245\227\073\265\030
\221\273\036\247\371\100\133\221\371\125\231\257\036\021\320\134
\035\247\146\343\261\224\007\014\062\071\246\352\033\260\171\330
\035\234\160\104\343\212\335\304\371\225\037\212\070\103\077\001
\205\245\107\247\075\106\262\274\345\042\150\367\173\234\330\054
\076\012\041\310\055\063\254\277\305\201\231\061\164\301\165\161
\305\276\261\360\043\105\364\235\153\374\031\143\235\243\274\004
\306\030\013\045\273\123\211\017\263\200\120\336\105\356\104\177


```
\253\224\170\144\230\323\366\050\335\207\330\160\145\164\373\016
\271\023\353\247\017\141\251\062\226\314\336\273\355\143\114\030
\273\251\100\367\240\124\156\040\210\161\165\030\352\172\264\064
\162\340\043\047\167\134\266\220\352\206\045\100\253\357\063\017
\313\237\202\276\242\040\373\366\265\055\032\346\302\205\261\164
\017\373\310\145\002\244\122\001\107\335\111\042\301\277\330\353
\153\254\176\336\354\143\063\025\267\043\010\217\306\017\215\101
\132\335\216\305\271\217\345\105\077\170\333\272\322\033\100\261
\376\161\115\077\340\201\242\272\136\264\354\025\340\223\335\010
\037\176\341\125\231\013\041\336\223\236\012\373\346\243\111\275
\066\060\376\347\167\262\240\165\227\265\055\201\210\027\145\040
\367\332\220\000\237\311\122\314\062\312\065\174\365\075\017\330
\053\327\365\046\154\311\006\064\226\026\352\160\131\032\062\171
\171\013\266\210\177\017\122\110\075\277\154\330\242\104\056\321
\116\267\162\130\323\211\023\225\376\104\253\370\327\213\033\156
\234\274\054\240\133\325\152\000\257\137\067\341\325\372\020\013
\230\234\206\347\046\217\316\360\354\156\212\127\013\200\343\116
\262\300\240\143\141\220\272\125\150\067\164\152\266\222\333\237
\241\206\042\266\145\047\016\354\266\237\102\140\344\147\302\265
\332\101\013\304\323\213\141\033\274\372\037\221\053\327\104\007
\136\272\051\254\331\305\351\357\123\110\132\353\200\361\050\130
\041\315\260\006\125\373\047\077\123\220\160\251\004\036\127\047
\271
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "SSL.com Root Certification Authority RSA"
```

```
# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
```

```
# Serial Number:7b:2c:9b:d3:16:80:32:99
```

```
# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
```

```
# Not Valid Before: Fri Feb 12 17:39:39 2016
```

```
# Not Valid After : Tue Feb 12 17:39:39 2041
```

```
# Fingerprint (SHA-256):
```

```
85:66:6A:56:2E:E0:BE:5C:E9:25:C1:D8:89:0A:6F:76:A8:7E:C1:6D:4D:7D:5F:29:EA:74:19:CF:20:12:3B:69
```

```
# Fingerprint (SHA1): B7:AB:33:08:D1:EA:44:77:BA:14:80:12:5A:6F:BD:A9:36:49:0C:BB
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SSL.com Root Certification Authority RSA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\267\253\063\010\321\352\104\167\272\024\200\022\132\157\275\251
\066\111\014\273
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\206\151\022\300\160\361\354\254\254\302\325\274\245\133\241\051
```

END

CKA_ISSUER MULTILINE_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\122\123\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\173\054\233\323\026\200\062\231

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "SSL.com Root Certification Authority ECC"

#

Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

Serial Number:75:e6:df:cb:c1:68:5b:a8

Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

Not Valid Before: Fri Feb 12 18:14:03 2016

Not Valid After : Tue Feb 12 18:14:03 2041

Fingerprint (SHA-256):

34:17:BB:06:CC:60:07:DA:1B:96:1C:92:0B:8A:B4:CE:3F:AD:82:0E:4A:A3:0B:9A:CB:C4:A7:4E:BD:CE:BC:65

Fingerprint (SHA1): C3:19:7C:39:24:E6:54:AF:1B:C4:AB:20:95:7A:E2:C3:0E:13:02:6A

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SSL.com Root Certification Authority ECC"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\165\346\337\313\301\150\133\250

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\215\060\202\002\024\240\003\002\001\002\002\010\165
\346\337\313\301\150\133\250\060\012\006\010\052\206\110\316\075
\004\003\002\060\174\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145\170
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165
\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017\123
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\061
\060\057\006\003\125\004\003\014\050\123\123\114\056\143\157\155
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103\060\036\027\015\061\066\060\062\061\062\061\070\061\064\060\063
\063\132\027\015\064\061\060\062\061\062\061\070\061\064\060\063
\132\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057
\006\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\040\105\103\103\060
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201
\004\000\042\003\142\000\004\105\156\251\120\304\246\043\066\236
\137\050\215\027\313\226\042\144\077\334\172\216\035\314\010\263
\242\161\044\272\216\111\271\004\033\107\226\130\253\055\225\310
\355\236\010\065\310\047\353\211\214\123\130\353\142\212\376\360
\133\017\153\061\122\143\101\073\211\315\354\354\266\215\031\323
\064\007\334\273\306\006\177\302\105\225\354\313\177\250\043\340
\011\351\201\372\363\107\323\243\143\060\141\060\035\006\003\125
\035\016\004\026\004\024\202\321\205\163\060\347\065\004\323\216
\002\222\373\345\244\321\304\041\350\315\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125
\035\043\004\030\060\026\200\024\202\321\205\163\060\347\065\004
\323\216\002\222\373\345\244\321\304\041\350\315\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\206\060\012\006\010
\052\206\110\316\075\004\003\002\003\147\000\060\144\002\060\157

```
\347\353\131\021\244\140\317\141\260\226\173\355\005\371\057\023
\221\334\355\345\374\120\153\021\106\106\263\034\041\000\142\273
\276\303\347\350\315\007\231\371\015\013\135\162\076\304\252\002
\060\037\274\272\013\342\060\044\373\174\155\200\125\012\231\076
\200\015\063\345\146\243\263\243\273\245\325\213\217\011\054\246
\135\176\342\360\007\010\150\155\322\174\151\156\137\337\345\152
\145
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "SSL.com Root Certification Authority ECC"
# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:75:e6:df:cb:c1:68:5b:a8
# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:14:03 2016
# Not Valid After : Tue Feb 12 18:14:03 2041
# Fingerprint (SHA-256):
34:17:BB:06:CC:60:07:DA:1B:96:1C:92:0B:8A:B4:CE:3F:AD:82:0E:4A:A3:0B:9A:CB:C4:A7:4E:BD:CE:BC:65
# Fingerprint (SHA1): C3:19:7C:39:24:E6:54:AF:1B:C4:AB:20:95:7A:E2:C3:0E:13:02:6A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\303\031\174\071\044\346\124\257\033\304\253\040\225\172\342\303
\016\023\002\152
```

```
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\056\332\344\071\177\234\217\067\321\160\237\046\027\121\072\216
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
```

```
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\165\346\337\313\301\150\133\250
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "SSL.com EV Root Certification Authority RSA R2"

#

Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US

Serial Number:56:b6:29:cd:34:bc:78:f6

Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US

Not Valid Before: Wed May 31 18:14:37 2017

Not Valid After : Fri May 30 18:14:37 2042

Fingerprint (SHA-256):

2E:7B:F1:6C:C2:24:85:A7:BB:E2:AA:86:96:75:07:61:B0:AE:39:BE:3B:2F:E9:D0:CC:6D:4E:F7:34:91:42:5C

Fingerprint (SHA1): 74:3A:F0:52:9B:D0:32:A0:F4:4A:83:CD:D4:BA:A9:7B:7C:2E:C4:9A

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\126\266\051\315\064\274\170\366

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\353\060\202\003\323\240\003\002\001\002\002\010\126
\266\051\315\064\274\170\366\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\201\202\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014
\005\124\145\170\141\163\061\020\060\016\006\003\125\004\007\014
\007\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004
\012\014\017\123\123\114\040\103\157\162\160\157\162\141\164\151
\157\156\061\067\060\065\006\003\125\004\003\014\056\123\123\114
\056\143\157\155\040\105\126\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\040\122\123\101\040\122\062\060\036\027\015\061
\067\060\065\063\061\061\070\061\064\063\067\132\027\015\064\062
\060\065\063\060\061\070\061\064\063\067\132\060\201\202\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\016\060\014\006
\003\125\004\010\014\005\124\145\170\141\163\061\020\060\016\006
\003\125\004\007\014\007\110\157\165\163\164\157\156\061\030\060
\026\006\003\125\004\012\014\017\123\123\114\040\103\157\162\160
\157\162\141\164\151\157\156\061\067\060\065\006\003\125\004\003
\014\056\123\123\114\056\143\157\155\040\105\126\040\122\157\157
\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\101\165\164\150\157\162\151\164\171\040\122\123\101\040\122\062
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\217\066\145\100\341\326\115\300\327\264\351\106\332\153\352
\063\107\315\114\371\175\175\276\275\055\075\360\333\170\341\206
\245\331\272\011\127\150\355\127\076\240\320\010\101\203\347\050
\101\044\037\343\162\025\320\001\032\373\136\160\043\262\313\237
\071\343\317\305\116\306\222\155\046\306\173\273\263\332\047\235
\012\206\351\201\067\005\376\360\161\161\354\303\034\351\143\242
\027\024\235\357\033\147\323\205\125\002\002\326\111\311\314\132
\341\261\367\157\062\237\311\324\073\210\101\250\234\275\313\253
\333\155\173\011\037\242\114\162\220\332\053\010\374\317\074\124
\316\147\017\250\317\135\226\031\013\304\343\162\353\255\321\175
\035\047\357\222\353\020\277\133\353\073\257\317\200\335\301\322
\226\004\133\172\176\244\251\074\070\166\244\142\216\240\071\136
\352\167\317\135\000\131\217\146\054\076\007\242\243\005\046\021
\151\227\352\205\267\017\226\013\113\310\100\341\120\272\056\212
\313\367\017\232\042\347\177\232\067\023\315\362\115\023\153\041
\321\300\314\042\362\241\106\366\104\151\234\312\141\065\007\000
\157\326\141\010\021\352\272\270\366\351\263\140\345\115\271\354
\237\024\146\311\127\130\333\315\207\151\370\212\206\022\003\107
\277\146\023\166\254\167\175\064\044\205\203\315\327\252\234\220
\032\237\041\054\177\170\267\144\270\330\350\246\364\170\263\125
\313\204\322\062\304\170\256\243\217\141\335\316\010\123\255\354
\210\374\025\344\232\015\346\237\032\167\316\114\217\270\024\025
\075\142\234\206\070\006\000\146\022\344\131\166\132\123\300\002
\230\242\020\053\150\104\173\216\171\316\063\112\166\252\133\201
\026\033\265\212\330\320\000\173\136\142\264\011\326\206\143\016

\246\005\225\111\272\050\213\210\223\262\064\034\330\244\125\156
\267\034\320\336\231\125\073\043\364\042\340\371\051\146\046\354
\040\120\167\333\112\013\217\276\345\002\140\160\101\136\324\256
\120\071\042\024\046\313\262\073\163\164\125\107\007\171\201\071
\250\060\023\104\345\004\212\256\226\023\045\102\017\271\123\304
\233\374\315\344\034\336\074\372\253\326\006\112\037\147\246\230
\060\034\335\054\333\334\030\225\127\146\306\377\134\213\126\365
\167\002\003\001\000\001\243\143\060\141\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125
\035\043\004\030\060\026\200\024\371\140\273\324\343\325\064\366
\270\365\006\200\045\247\163\333\106\151\250\236\060\035\006\003
\125\035\016\004\026\004\024\371\140\273\324\343\325\064\366\270
\365\006\200\045\247\163\333\106\151\250\236\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\126
\263\216\313\012\235\111\216\277\244\304\221\273\146\027\005\121
\230\165\373\345\120\054\172\236\361\024\372\253\323\212\076\377
\221\051\217\143\213\330\264\251\124\001\015\276\223\206\057\371
\112\155\307\136\365\127\371\312\125\034\022\276\107\017\066\305
\337\152\267\333\165\302\107\045\177\271\361\143\370\150\055\125
\004\321\362\215\260\244\317\274\074\136\037\170\347\245\240\040
\160\260\004\305\267\367\162\247\336\042\015\275\063\045\106\214
\144\222\046\343\076\056\143\226\332\233\214\075\370\030\011\327
\003\314\175\206\202\340\312\004\007\121\120\327\377\222\325\014
\357\332\206\237\231\327\353\267\257\150\342\071\046\224\272\150
\267\277\203\323\352\172\147\075\142\147\256\045\345\162\350\342
\344\354\256\022\366\113\053\074\237\351\260\100\363\070\124\263
\375\267\150\310\332\306\217\121\074\262\373\221\334\034\347\233
\235\341\267\015\162\217\342\244\304\251\170\371\353\024\254\306
\103\005\302\145\071\050\030\002\303\202\262\235\005\276\145\355
\226\137\145\164\074\373\011\065\056\173\234\023\375\033\017\135
\307\155\201\072\126\017\314\073\341\257\002\057\042\254\106\312
\106\074\240\034\114\326\104\264\136\056\134\025\146\011\341\046
\051\376\306\122\141\272\261\163\377\303\014\234\345\154\152\224
\077\024\312\100\026\225\204\363\131\251\254\137\114\141\223\155
\321\073\314\242\225\014\042\246\147\147\104\056\271\331\322\212
\101\263\146\013\132\373\175\043\245\362\032\260\377\336\233\203
\224\056\321\077\337\222\267\221\257\005\073\145\307\240\154\261
\315\142\022\303\220\033\343\045\316\064\274\157\167\166\261\020
\303\367\005\032\300\326\257\164\142\110\027\167\222\151\220\141
\034\336\225\200\164\124\217\030\034\303\363\003\320\277\244\103
\165\206\123\030\172\012\056\011\034\066\237\221\375\202\212\042
\113\321\016\120\045\335\313\003\014\027\311\203\000\010\116\065
\115\212\213\355\360\002\224\146\054\104\177\313\225\047\226\027
\255\011\060\254\266\161\027\156\213\027\366\034\011\324\055\073
\230\245\161\323\124\023\331\140\363\365\113\146\117\372\361\356
\040\022\215\264\254\127\261\105\143\241\254\166\251\302\373

END

```

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "SSL.com EV Root Certification Authority RSA R2"
# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:56:b6:29:cd:34:bc:78:f6
# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL
Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Wed May 31 18:14:37 2017
# Not Valid After : Fri May 30 18:14:37 2042
# Fingerprint (SHA-256):
2E:7B:F1:6C:C2:24:85:A7:BB:E2:AA:86:96:75:07:61:B0:AE:39:BE:3B:2F:E9:D0:CC:6D:4E:F7:34:91:42:5C
# Fingerprint (SHA1): 74:3A:F0:52:9B:D0:32:A0:F4:4A:83:CD:D4:BA:A9:7B:7C:2E:C4:9A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\072\360\122\233\320\062\240\364\112\203\315\324\272\251\173
\174\056\304\232
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\341\036\061\130\032\256\124\123\002\366\027\152\021\173\115\225
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\126\266\051\315\064\274\170\366
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SSL.com EV Root Certification Authority ECC"
#

```



```
# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:2c:29:9c:5b:16:ed:05:95
# Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:15:23 2016
# Not Valid After : Tue Feb 12 18:15:23 2041
# Fingerprint (SHA-256):
22:A2:C1:F7:BD:ED:70:4C:C1:E7:01:B5:F4:08:C3:10:88:0F:E9:56:B5:DE:2A:4A:44:F9:9C:87:3A:25:A7:C8
# Fingerprint (SHA1): 4C:DD:51:A3:D1:F5:20:32:14:B0:C6:C5:32:23:03:91:C7:46:42:6D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\224\060\202\002\032\240\003\002\001\002\002\010\054
\051\234\133\026\355\005\225\060\012\006\010\052\206\110\316\075
\004\003\002\060\177\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145\170
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165
\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017\123
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\064
```

\060\062\006\003\125\004\003\014\053\123\123\114\056\143\157\155
\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\105\103\103\060\036\027\015\061\066\060\062\061\062\061\070
\061\065\062\063\132\027\015\064\061\060\062\061\062\061\070\061
\065\062\063\132\060\177\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145
\170\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157
\165\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017
\123\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061
\064\060\062\006\003\125\004\003\014\053\123\123\114\056\143\157
\155\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\040\105\103\103\060\166\060\020\006\007\052\206\110\316\075
\002\001\006\005\053\201\004\000\042\003\142\000\004\252\022\107
\220\230\033\373\357\303\100\007\203\040\116\361\060\202\242\006
\321\362\222\206\141\362\366\041\150\312\000\304\307\352\103\000
\124\206\334\375\037\337\000\270\101\142\134\334\160\026\062\336
\037\231\324\314\305\007\310\010\037\141\026\007\121\075\175\134
\007\123\343\065\070\214\337\315\237\331\056\015\112\266\031\056
\132\160\132\006\355\276\360\241\260\312\320\011\051\243\143\060
\141\060\035\006\003\125\035\016\004\026\004\024\133\312\136\345
\336\322\201\252\315\250\055\144\121\266\331\162\233\227\346\117
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\037\006\003\125\035\043\004\030\060\026\200\024\133\312
\136\345\336\322\201\252\315\250\055\144\121\266\331\162\233\227
\346\117\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\206\060\012\006\010\052\206\110\316\075\004\003\002\003\150
\000\060\145\002\061\000\212\346\100\211\067\353\351\325\023\331
\312\324\153\044\363\260\075\207\106\130\032\354\261\337\157\373
\126\272\160\153\307\070\314\350\261\214\117\017\367\361\147\166
\016\203\320\036\121\217\002\060\075\366\043\050\046\114\306\140
\207\223\046\233\262\065\036\272\326\367\074\321\034\316\372\045
\074\246\032\201\025\133\363\022\017\154\356\145\212\311\207\250
\371\007\340\142\232\214\134\112

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "SSL.com EV Root Certification Authority ECC"
Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
Serial Number:2c:29:9c:5b:16:ed:05:95
Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
Not Valid Before: Fri Feb 12 18:15:23 2016
Not Valid After : Tue Feb 12 18:15:23 2041
Fingerprint (SHA-256):
22:A2:C1:F7:BD:ED:70:4C:C1:E7:01:B5:F4:08:C3:10:88:0F:E9:56:B5:DE:2A:4A:44:F9:9C:87:3A:25:A7:C8

```

# Fingerprint (SHA1): 4C:DD:51:A3:D1:F5:20:32:14:B0:C6:C5:32:23:03:91:C7:46:42:6D
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\114\335\121\243\321\365\040\062\024\260\306\305\062\043\003\221
\307\106\102\155
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\131\123\042\145\203\102\001\124\300\316\102\271\132\174\362\220
END
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

#
# Certificate "GlobalSign Root CA - R6"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Serial Number:45:e6:bb:03:83:33:c3:85:65:48:e6:ff:45:51
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Not Valid Before: Wed Dec 10 00:00:00 2014
# Not Valid After : Sun Dec 10 00:00:00 2034
# Fingerprint (SHA-256):
2C:AB:EA:FE:37:D0:6C:A2:2A:BA:73:91:C0:03:3D:25:98:29:52:C4:53:64:73:49:76:3A:3A:B5:AD:6C:CF:69
# Fingerprint (SHA1): 80:94:64:0E:B5:A7:A1:CA:11:9C:1F:DD:D5:9F:81:02:63:A7:FB:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R6"

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CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\203\060\202\003\153\240\003\002\001\002\002\016\105
\346\273\003\203\063\303\205\145\110\346\377\105\121\060\015\006
\011\052\206\110\206\367\015\001\001\014\005\000\060\114\061\040
\060\036\006\003\125\004\013\023\027\107\154\157\142\141\154\123
\151\147\156\040\122\157\157\164\040\103\101\040\055\040\122\066
\061\023\060\021\006\003\125\004\012\023\012\107\154\157\142\141
\154\123\151\147\156\061\023\060\021\006\003\125\004\003\023\012
\107\154\157\142\141\154\123\151\147\156\060\036\027\015\061\064
\061\062\061\060\060\060\060\060\060\060\132\027\015\063\064\061
\062\061\060\060\060\060\060\060\060\132\060\114\061\040\060\036
\006\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101\040\055\040\122\066\061\023
\060\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123
\151\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154
\157\142\141\154\123\151\147\156\060\202\002\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000
\060\202\002\012\002\202\002\001\000\225\007\350\163\312\146\371
\354\024\312\173\074\367\015\010\361\264\105\013\054\202\264\110
\306\353\133\074\256\203\270\101\222\063\024\244\157\177\351\052
\314\306\260\210\153\305\266\211\321\306\262\377\024\316\121\024
\041\354\112\335\033\132\306\326\207\356\115\072\025\006\355\144
\146\013\222\200\312\104\336\163\224\116\363\247\211\177\117\170
\143\010\310\022\120\155\102\146\057\115\271\171\050\115\122\032
\212\032\200\267\031\201\016\176\304\212\274\144\114\041\034\103
\150\327\075\074\212\305\262\146\325\220\232\267\061\006\305\276
\342\155\062\006\246\036\371\271\353\252\243\270\277\276\202\143
\120\320\360\030\211\337\344\017\171\365\352\242\037\052\322\160
\056\173\347\274\223\273\155\123\342\110\174\214\020\007\070\377

\146\262\167\141\176\340\352\214\074\252\264\244\366\363\225\112
\022\007\155\375\214\262\211\317\320\240\141\167\310\130\164\260
\324\043\072\367\135\072\312\242\333\235\011\336\135\104\055\220
\361\201\315\127\222\372\176\274\120\004\143\064\337\153\223\030
\276\153\066\262\071\344\254\044\066\267\360\357\266\034\023\127
\223\266\336\262\370\342\205\267\163\242\270\065\252\105\362\340
\235\066\241\157\124\212\361\162\126\156\056\210\305\121\102\104
\025\224\356\243\305\070\226\233\116\116\132\013\107\363\006\066
\111\167\060\274\161\067\345\246\354\041\010\165\374\346\141\026
\077\167\325\331\221\227\204\012\154\324\002\115\164\300\024\355
\375\071\373\203\362\136\024\241\004\260\013\351\376\356\217\341
\156\013\262\010\263\141\146\011\152\261\006\072\145\226\131\300
\360\065\375\311\332\050\215\032\021\207\160\201\012\250\232\165
\035\236\072\206\005\000\236\333\200\326\045\371\334\005\236\047
\131\114\166\071\133\352\371\245\241\330\203\017\321\377\337\060
\021\371\205\317\063\110\365\312\155\144\024\054\172\130\117\323
\113\010\111\305\225\144\032\143\016\171\075\365\263\214\312\130
\255\234\102\105\171\156\016\207\031\134\124\261\145\266\277\214
\233\334\023\351\015\157\270\056\334\147\156\311\213\021\265\204
\024\212\000\031\160\203\171\221\227\221\324\032\047\277\067\036
\062\007\330\024\143\074\050\114\257\002\003\001\000\001\243\143
\060\141\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\035\006\003\125\035\016\004\026\004\024\256\154
\005\243\223\023\342\242\347\342\327\034\326\307\360\177\310\147
\123\240\060\037\006\003\125\035\043\004\030\060\026\200\024\256
\154\005\243\223\023\342\242\347\342\327\034\326\307\360\177\310
\147\123\240\060\015\006\011\052\206\110\206\367\015\001\001\014
\005\000\003\202\002\001\000\203\045\355\350\321\375\225\122\315
\236\300\004\240\221\151\346\134\320\204\336\334\255\242\117\350
\107\170\326\145\230\251\133\250\074\207\174\002\212\321\156\267
\026\163\346\137\300\124\230\325\164\276\301\315\342\021\221\255
\043\030\075\335\341\162\104\226\264\225\136\300\173\216\231\170
\026\103\023\126\127\263\242\263\073\265\167\334\100\162\254\243
\353\233\065\076\261\010\041\241\347\304\103\067\171\062\276\265
\347\234\054\114\274\103\051\231\216\060\323\254\041\340\343\035
\372\330\007\063\166\124\000\042\052\271\115\040\056\160\150\332
\345\123\374\203\134\323\235\362\377\104\014\104\146\362\322\343
\275\106\000\032\155\002\272\045\135\215\241\061\121\335\124\106
\034\115\333\231\226\357\032\034\004\134\246\025\357\170\340\171
\376\135\333\076\252\114\125\375\232\025\251\157\341\246\373\337
\160\060\351\303\356\102\106\355\302\223\005\211\372\175\143\173
\077\320\161\201\174\000\350\230\256\016\170\064\303\045\373\257
\012\237\040\153\335\073\023\217\022\214\342\101\032\110\172\163
\240\167\151\307\266\134\177\202\310\036\376\130\033\050\053\250
\154\255\136\155\300\005\322\173\267\353\200\376\045\067\376\002
\233\150\254\102\135\303\356\365\314\334\360\120\165\322\066\151
\234\346\173\004\337\156\006\151\266\336\012\011\110\131\207\353

```
\173\024\140\172\144\252\151\103\357\221\307\114\354\030\335\154
\357\123\055\214\231\341\136\362\162\076\317\124\310\275\147\354
\244\017\114\105\377\323\271\060\043\007\114\217\020\277\206\226
\331\231\132\264\231\127\034\244\314\273\025\211\123\272\054\005
\017\344\304\236\031\261\030\064\325\114\235\272\355\367\037\257
\044\225\004\170\250\003\273\356\201\345\332\137\174\213\112\241
\220\164\045\247\263\076\113\310\054\126\275\307\310\357\070\342
\134\222\360\171\367\234\204\272\164\055\141\001\040\176\176\321
\362\117\007\131\137\213\055\103\122\353\106\014\224\341\365\146
\107\171\167\325\124\133\037\255\044\067\313\105\132\116\240\104
\110\310\330\260\231\305\025\204\011\366\326\111\111\300\145\270
\346\032\161\156\240\250\361\202\350\105\076\154\326\002\327\012
\147\203\005\132\311\244\020
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GlobalSign Root CA - R6"
```

```
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
```

```
# Serial Number:45:e6:bb:03:83:33:c3:85:65:48:e6:ff:45:51
```

```
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
```

```
# Not Valid Before: Wed Dec 10 00:00:00 2014
```

```
# Not Valid After : Sun Dec 10 00:00:00 2034
```

```
# Fingerprint (SHA-256):
```

```
2C:AB:EA:FE:37:D0:6C:A2:2A:BA:73:91:C0:03:3D:25:98:29:52:C4:53:64:73:49:76:3A:3A:B5:AD:6C:CF:69
```

```
# Fingerprint (SHA1): 80:94:64:0E:B5:A7:A1:CA:11:9C:1F:DD:D5:9F:81:02:63:A7:FB:D1
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign Root CA - R6"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\200\224\144\016\265\247\241\312\021\234\037\335\325\237\201\002
\143\247\373\321
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\117\335\007\344\324\042\144\071\036\014\067\102\352\321\306\256
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121
```

```

END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "OISTE WISeKey Global Root GC CA"
#
# Issuer: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:a2:2d:3a:ea
# Subject: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before: Tue May 09 09:48:34 2017
# Not Valid After : Fri May 09 09:58:33 2042
# Fingerprint (SHA-256):
85:60:F9:1C:36:24:DA:BA:95:70:B5:FE:A0:DB:E3:6F:F1:1A:83:23:BE:94:86:85:4F:B3:F3:4A:55:71:19:8D
# Fingerprint (SHA1): E0:11:84:5E:34:DE:BE:88:81:B9:9C:F6:16:26:D1:96:1F:C3:B9:31
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GC CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055
\072\352
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\151\060\202\001\357\240\003\002\001\002\002\020\041

```

\052\126\014\256\332\014\253\100\105\277\053\242\055\072\352\060
\012\006\010\052\206\110\316\075\004\003\003\060\155\061\013\060
\011\006\003\125\004\006\023\002\103\110\061\020\060\016\006\003
\125\004\012\023\007\127\111\123\145\113\145\171\061\042\060\040
\006\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165
\156\144\141\164\151\157\156\040\105\156\144\157\162\163\145\144
\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105
\040\127\111\123\145\113\145\171\040\107\154\157\142\141\154\040
\122\157\157\164\040\107\103\040\103\101\060\036\027\015\061\067
\060\065\060\071\060\071\064\070\063\064\132\027\015\064\062\060
\065\060\071\060\071\065\070\063\063\132\060\155\061\013\060\011
\006\003\125\004\006\023\002\103\110\061\020\060\016\006\003\125
\004\012\023\007\127\111\123\145\113\145\171\061\042\060\040\006
\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156
\144\141\164\151\157\156\040\105\156\144\157\162\163\145\144\061
\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105\040
\127\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122
\157\157\164\040\107\103\040\103\101\060\166\060\020\006\007\052
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\114\351\120\300\306\017\162\030\274\330\361\272\263\211\342
\171\112\243\026\247\153\124\044\333\121\377\352\364\011\044\303
\013\042\237\313\152\047\202\201\015\322\300\257\061\344\164\202
\156\312\045\331\214\165\235\361\333\320\232\242\113\041\176\026
\247\143\220\322\071\324\261\207\170\137\030\226\017\120\033\065
\067\017\152\306\334\331\023\115\244\216\220\067\346\275\133\061
\221\243\124\060\122\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\110\207\024\254\343\303\236\220\140\072\327\312\211\356\323
\255\214\264\120\146\060\020\006\011\053\006\001\004\001\202\067
\025\001\004\003\002\001\000\060\012\006\010\052\206\110\316\075
\004\003\003\003\150\000\060\145\002\060\046\307\151\133\334\325
\347\262\347\310\014\214\214\303\335\171\214\033\143\325\311\122
\224\116\115\202\112\163\036\262\200\204\251\045\300\114\132\155
\111\051\140\170\023\342\176\110\353\144\002\061\000\333\064\040
\062\010\377\232\111\002\266\210\336\024\257\135\154\231\161\215
\032\077\213\327\340\242\066\206\034\007\202\072\166\123\375\302
\242\355\357\173\260\200\117\130\017\113\123\071\275

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "OISTE WISEKey Global Root GC CA"

Issuer: CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:a2:2d:3a:ea

Subject: CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

Not Valid Before: Tue May 09 09:48:34 2017


```
# Not Valid After : Fri May 09 09:58:33 2042
# Fingerprint (SHA-256):
85:60:F9:1C:36:24:DA:BA:95:70:B5:FE:A0:DB:E3:6F:F1:1A:83:23:BE:94:86:85:4F:B3:F3:4A:55:71:19:8D
# Fingerprint (SHA1): E0:11:84:5E:34:DE:BE:88:81:B9:9C:F6:16:26:D1:96:1F:C3:B9:31
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GC CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\340\021\204\136\064\336\276\210\201\271\234\366\026\046\321\226
\037\303\271\061
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\251\326\271\055\057\223\144\370\245\151\312\221\351\150\007\043
END
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055
\072\352
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "UCA Global G2 Root"
#
# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Serial Number:5d:df:b1:da:5a:a3:ed:5d:be:5a:65:20:65:03:90:ef
# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 11 00:00:00 2016
# Not Valid After : Mon Dec 31 00:00:00 2040
# Fingerprint (SHA-256):
9B:EA:11:C9:76:FE:01:47:64:C1:BE:56:A6:F9:14:B5:A5:60:31:7A:BD:99:88:39:33:82:E5:16:1A:A0:49:3C
# Fingerprint (SHA1): 28:F9:78:16:19:7A:FF:18:25:18:AA:44:FE:C1:A0:CE:5C:B6:4C:8A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\106\060\202\003\056\240\003\002\001\002\002\020\135
\337\261\332\132\243\355\135\276\132\145\040\145\003\220\357\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\075
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164
\061\033\060\031\006\003\125\004\003\014\022\125\103\101\040\107
\154\157\142\141\154\040\107\062\040\122\157\157\164\060\036\027
\015\061\066\060\063\061\061\060\060\060\060\060\060\132\027\015
\064\060\061\062\063\061\060\060\060\060\060\060\132\060\075\061
\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060\017
\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164\061
\033\060\031\006\003\125\004\003\014\022\125\103\101\040\107\154
\157\142\141\154\040\107\062\040\122\157\157\164\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\305\346\053
\157\174\357\046\005\047\243\201\044\332\157\313\001\371\231\232
\251\062\302\042\207\141\101\221\073\313\303\150\033\006\305\114
\251\053\301\147\027\042\035\053\355\371\051\211\223\242\170\275
\222\153\240\243\015\242\176\312\223\263\246\321\214\065\325\165
\371\027\366\317\105\305\345\172\354\167\223\240\217\043\256\016
\032\003\177\276\324\320\355\056\173\253\106\043\133\377\054\346
\124\172\224\300\052\025\360\311\215\260\172\073\044\341\327\150
\342\061\074\006\063\106\266\124\021\246\245\057\042\124\052\130
\015\001\002\361\372\025\121\147\154\300\372\327\266\033\177\321
\126\210\057\032\072\215\073\273\202\021\340\107\000\320\122\207
\253\373\206\176\017\044\153\100\235\064\147\274\215\307\055\206
\157\171\076\216\251\074\027\113\177\260\231\343\260\161\140\334
```

\013\365\144\303\316\103\274\155\161\271\322\336\047\133\212\350
\330\306\256\341\131\175\317\050\055\065\270\225\126\032\361\262
\130\113\267\022\067\310\174\263\355\113\200\341\215\372\062\043
\266\157\267\110\225\010\261\104\116\205\214\072\002\124\040\057
\337\277\127\117\073\072\220\041\327\301\046\065\124\040\354\307
\077\107\354\357\132\277\113\172\301\255\073\027\120\134\142\330
\017\113\112\334\053\372\156\274\163\222\315\354\307\120\350\101
\226\327\251\176\155\330\351\035\217\212\265\271\130\222\272\112
\222\053\014\126\375\200\353\010\360\136\051\156\033\034\014\257
\217\223\211\255\333\275\243\236\041\312\211\031\354\337\265\303
\032\353\026\376\170\066\114\326\156\320\076\027\034\220\027\153
\046\272\373\172\057\277\021\034\030\016\055\163\003\217\240\345
\065\240\132\342\114\165\035\161\341\071\070\123\170\100\314\203
\223\327\012\236\235\133\217\212\344\345\340\110\344\110\262\107
\315\116\052\165\052\173\362\042\366\311\276\011\221\226\127\172
\210\210\254\356\160\254\371\334\051\343\014\034\073\022\116\104
\326\247\116\260\046\310\363\331\032\227\221\150\352\357\215\106
\006\322\126\105\130\232\074\014\017\203\270\005\045\303\071\317
\073\244\064\211\267\171\022\057\107\305\347\251\227\151\374\246
\167\147\265\337\173\361\172\145\025\344\141\126\145\002\003\001
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\201\304\214\314\365\344\060\377\245\014\010\137\214\025
\147\041\164\001\337\337\060\015\006\011\052\206\110\206\367\015
\001\001\013\005\000\003\202\002\001\000\023\145\042\365\216\053
\255\104\344\313\377\271\150\346\303\200\110\075\004\173\372\043
\057\172\355\066\332\262\316\155\366\346\236\345\137\130\217\313
\067\062\241\310\145\266\256\070\075\065\033\076\274\073\266\004
\320\274\371\111\365\233\367\205\305\066\266\313\274\370\310\071
\325\344\137\007\275\025\124\227\164\312\312\355\117\272\272\144
\166\237\201\270\204\105\111\114\215\157\242\353\261\314\321\303
\224\332\104\302\346\342\352\030\350\242\037\047\005\272\327\345
\326\251\315\335\357\166\230\215\000\016\315\033\372\003\267\216
\200\130\016\047\077\122\373\224\242\312\136\145\311\326\204\332
\271\065\161\363\046\300\117\167\346\201\047\322\167\073\232\024
\157\171\364\366\320\341\323\224\272\320\127\121\275\047\005\015
\301\375\310\022\060\356\157\215\021\053\010\235\324\324\277\200
\105\024\232\210\104\332\060\352\264\247\343\356\357\133\202\325
\076\326\255\170\222\333\134\074\363\330\255\372\270\153\177\304
\066\050\266\002\025\212\124\054\234\260\027\163\216\320\067\243
\024\074\230\225\000\014\051\005\133\236\111\111\261\137\307\343
\313\317\047\145\216\065\027\267\127\310\060\331\101\133\271\024
\266\350\302\017\224\061\247\224\230\314\152\353\265\341\047\365
\020\250\001\350\216\022\142\350\210\314\265\177\106\227\300\233
\020\146\070\032\066\106\137\042\150\075\337\311\306\023\047\253
\123\006\254\242\074\206\006\145\157\261\176\261\051\104\232\243
\272\111\151\050\151\217\327\345\137\255\004\206\144\157\032\240

```
\014\305\010\142\316\200\243\320\363\354\150\336\276\063\307\027
\133\177\200\304\114\114\261\246\204\212\303\073\270\011\315\024
\201\272\030\343\124\127\066\376\333\057\174\107\241\072\063\310
\371\130\073\104\117\261\312\002\211\004\226\050\150\305\113\270
\046\211\273\326\063\057\120\325\376\232\211\272\030\062\222\124
\306\133\340\235\371\136\345\015\042\233\366\332\342\310\041\262
\142\041\252\206\100\262\056\144\323\137\310\343\176\021\147\105
\037\005\376\343\242\357\263\250\263\363\175\217\370\014\037\042
\037\055\160\264\270\001\064\166\060\000\345\043\170\247\126\327
\120\037\212\373\006\365\302\031\360\320
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "UCA Global G2 Root"
```

```
# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN
```

```
# Serial Number:5d:df:b1:da:5a:a3:ed:5d:be:5a:65:20:65:03:90:ef
```

```
# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN
```

```
# Not Valid Before: Fri Mar 11 00:00:00 2016
```

```
# Not Valid After : Mon Dec 31 00:00:00 2040
```

```
# Fingerprint (SHA-256):
```

```
9B:EA:11:C9:76:FE:01:47:64:C1:BE:56:A6:F9:14:B5:A5:60:31:7A:BD:99:88:39:33:82:E5:16:1A:A0:49:3C
```

```
# Fingerprint (SHA1): 28:F9:78:16:19:7A:FF:18:25:18:AA:44:FE:C1:A0:CE:5C:B6:4C:8A
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "UCA Global G2 Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\050\371\170\026\031\172\377\030\045\030\252\104\376\301\240\316
\134\266\114\212
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\200\376\360\304\112\360\134\142\062\237\034\272\170\251\120\370
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "UCA Extended Validation Root"

#

Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN

Serial Number:4f:d2:2b:8f:f5:64:c8:33:9e:4f:34:58:66:23:70:60

Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN

Not Valid Before: Fri Mar 13 00:00:00 2015

Not Valid After : Fri Dec 31 00:00:00 2038

Fingerprint (SHA-256):

D4:3A:F9:B3:54:73:75:5C:96:84:FC:06:D7:D8:CB:70:EE:5C:28:E7:73:FB:29:4E:B4:1E:E7:17:22:92:4D:24

Fingerprint (SHA1): A3:A1:B0:6F:24:61:23:4A:E3:36:A5:C2:37:FC:A6:FF:DD:F0:D7:3A

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "UCA Extended Validation Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043
\160\140

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\132\060\202\003\102\240\003\002\001\002\002\020\117
\322\053\217\365\144\310\063\236\117\064\130\146\043\160\140\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\107
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164
\061\045\060\043\006\003\125\004\003\014\034\125\103\101\040\105
\170\164\145\156\144\145\144\040\126\141\154\151\144\141\164\151
\157\156\040\122\157\157\164\060\036\027\015\061\065\060\063\061

\063\060\060\060\060\060\060\060\132\027\015\063\070\061\062\063\061
\060\060\060\060\060\060\060\132\060\107\061\013\060\011\006\003\125
\004\006\023\002\103\116\061\021\060\017\006\003\125\004\012\014
\010\125\156\151\124\162\165\163\164\061\045\060\043\006\003\125
\004\003\014\034\125\103\101\040\105\170\164\145\156\144\145\144
\040\126\141\154\151\144\141\164\151\157\156\040\122\157\157\164
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\251\011\007\050\023\002\260\231\340\144\252\036\103\026\172
\163\261\221\240\165\076\250\372\343\070\000\172\354\211\152\040
\017\213\305\260\233\063\003\132\206\306\130\206\325\301\205\273
\117\306\234\100\115\312\276\356\151\226\270\255\201\060\232\174
\222\005\353\005\053\232\110\320\270\166\076\226\310\040\273\322
\260\361\217\330\254\105\106\377\252\147\140\264\167\176\152\037
\074\032\122\172\004\075\007\074\205\015\204\320\037\166\012\367
\152\024\337\162\343\064\174\127\116\126\001\076\171\361\252\051
\073\154\372\370\217\155\115\310\065\337\256\353\334\044\356\171
\105\247\205\266\005\210\336\210\135\045\174\227\144\147\011\331
\277\132\025\005\206\363\011\036\354\130\062\063\021\363\167\144
\260\166\037\344\020\065\027\033\362\016\261\154\244\052\243\163
\374\011\037\036\062\031\123\021\347\331\263\054\056\166\056\241
\243\336\176\152\210\011\350\362\007\212\370\262\315\020\347\342
\163\100\223\273\010\321\077\341\374\013\224\263\045\357\174\246
\327\321\257\237\377\226\232\365\221\173\230\013\167\324\176\350
\007\322\142\265\225\071\343\363\361\155\017\016\145\204\212\143
\124\305\200\266\340\236\113\175\107\046\247\001\010\135\321\210
\236\327\303\062\104\372\202\112\012\150\124\177\070\123\003\314
\244\000\063\144\121\131\013\243\202\221\172\136\354\026\302\363
\052\346\142\332\052\333\131\142\020\045\112\052\201\013\107\007
\103\006\160\207\322\372\223\021\051\172\110\115\353\224\307\160
\115\257\147\325\121\261\200\040\001\001\264\172\010\246\220\177
\116\340\357\007\101\207\257\152\245\136\213\373\317\120\262\232
\124\257\303\211\272\130\055\365\060\230\261\066\162\071\176\111
\004\375\051\247\114\171\344\005\127\333\224\271\026\123\215\106
\263\035\225\141\127\126\177\257\360\026\133\141\130\157\066\120
\021\013\330\254\053\225\026\032\016\037\010\315\066\064\145\020
\142\146\325\200\137\024\040\137\055\014\240\170\012\150\326\054
\327\351\157\053\322\112\005\223\374\236\157\153\147\377\210\361
\116\245\151\112\122\067\005\352\306\026\215\322\304\231\321\202
\053\073\272\065\165\367\121\121\130\363\310\007\335\344\264\003
\177\002\003\001\000\001\243\102\060\100\060\035\006\003\125\035
\016\004\026\004\024\331\164\072\344\060\075\015\367\022\334\176
\132\005\237\036\064\232\367\341\024\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\066\215
\227\314\102\025\144\051\067\233\046\054\326\373\256\025\151\054
\153\032\032\367\137\266\371\007\114\131\352\363\311\310\271\256

\314\272\056\172\334\300\365\260\055\300\073\257\237\160\005\021
\152\237\045\117\001\051\160\343\345\014\341\352\132\174\334\111
\273\301\036\052\201\365\026\113\162\221\310\242\061\271\252\332
\374\235\037\363\135\100\002\023\374\116\034\006\312\263\024\220
\124\027\031\022\032\361\037\327\014\151\132\366\161\170\364\224
\175\221\013\216\354\220\124\216\274\157\241\114\253\374\164\144
\375\161\232\370\101\007\241\315\221\344\074\232\340\233\062\071
\163\253\052\325\151\310\170\221\046\061\175\342\307\060\361\374
\024\170\167\022\016\023\364\335\026\224\277\113\147\173\160\123
\205\312\260\273\363\070\115\054\220\071\300\015\302\135\153\351
\342\345\325\210\215\326\054\277\253\033\276\265\050\207\022\027
\164\156\374\175\374\217\320\207\046\260\033\373\271\154\253\342
\236\075\025\301\073\056\147\002\130\221\237\357\370\102\037\054
\267\150\365\165\255\317\265\366\377\021\175\302\360\044\245\255
\323\372\240\074\251\372\135\334\245\240\357\104\244\276\326\350
\345\344\023\226\027\173\006\076\062\355\307\267\102\274\166\243
\330\145\070\053\070\065\121\041\016\016\157\056\064\023\100\341
\053\147\014\155\112\101\060\030\043\132\062\125\231\311\027\340
\074\336\366\354\171\255\053\130\031\242\255\054\042\032\225\216
\276\226\220\135\102\127\304\371\024\003\065\053\034\055\121\127
\010\247\072\336\077\344\310\264\003\163\302\301\046\200\273\013
\102\037\255\015\257\046\162\332\314\276\263\243\203\130\015\202
\305\037\106\121\343\234\030\314\215\233\215\354\111\353\165\120
\325\214\050\131\312\164\064\332\214\013\041\253\036\352\033\345
\307\375\025\076\300\027\252\373\043\156\046\106\313\372\371\261
\162\153\151\317\042\204\013\142\017\254\331\031\000\224\242\166
\074\324\055\232\355\004\236\055\006\142\020\067\122\034\205\162
\033\047\345\314\306\061\354\067\354\143\131\233\013\035\166\314
\176\062\232\210\225\010\066\122\273\336\166\137\166\111\111\255
\177\275\145\040\262\311\301\053\166\030\166\237\126\261

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "UCA Extended Validation Root"

Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN

Serial Number:4f:d2:2b:8f:f5:64:c8:33:9e:4f:34:58:66:23:70:60

Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN

Not Valid Before: Fri Mar 13 00:00:00 2015

Not Valid After : Fri Dec 31 00:00:00 2038

Fingerprint (SHA-256):

D4:3A:F9:B3:54:73:75:5C:96:84:FC:06:D7:D8:CB:70:EE:5C:28:E7:73:FB:29:4E:B4:1E:E7:17:22:92:4D:24

Fingerprint (SHA1): A3:A1:B0:6F:24:61:23:4A:E3:36:A5:C2:37:FC:A6:FF:DD:F0:D7:3A

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

CKA_LABEL UTF8 "UCA Extended Validation Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\243\241\260\157\044\141\043\112\343\066\245\302\067\374\246\377
\335\360\327\072
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\241\363\137\103\306\064\233\332\277\214\176\005\123\255\226\342
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043
\160\140
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certigna Root CA"
#
# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Serial Number:00:ca:e9:1b:89:f1:55:03:0d:a3:e6:41:6d:c4:e3:a6:e1
# Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Not Valid Before: Tue Oct 01 08:32:27 2013
# Not Valid After : Sat Oct 01 08:32:27 2033
# Fingerprint (SHA-256):
D4:8D:3D:23:EE:DB:50:A4:59:E5:51:97:60:1C:27:77:4B:9D:7B:18:C9:4D:5A:05:95:11:A1:02:50:B9:31:68
# Fingerprint (SHA1): 2D:0D:52:14:FF:9E:AD:99:24:01:74:20:47:6E:6C:85:27:27:F5:43
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101

```


END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304
\343\246\341

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\133\060\202\004\103\240\003\002\001\002\002\021\000
\312\351\033\211\361\125\003\015\243\346\101\155\304\343\246\341
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061\022
\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157\164
\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060\060
\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063\066
\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164\151
\147\156\141\040\122\157\157\164\040\103\101\060\036\027\015\061
\063\061\060\060\061\060\070\063\062\062\067\132\027\015\063\063
\061\060\060\061\060\070\063\062\062\067\132\060\132\061\013\060
\011\006\003\125\004\006\023\002\106\122\061\022\060\020\006\003
\125\004\012\014\011\104\150\151\155\171\157\164\151\163\061\034
\060\032\006\003\125\004\013\014\023\060\060\060\062\040\064\070
\061\064\066\063\060\070\061\060\060\060\063\066\061\031\060\027
\006\003\125\004\003\014\020\103\145\162\164\151\147\156\141\040
\122\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060
\202\002\012\002\202\002\001\000\315\030\071\145\032\131\261\352
\144\026\016\214\224\044\225\174\203\323\305\071\046\334\014\357
\026\127\215\327\330\254\243\102\177\202\312\355\315\133\333\016
\267\055\355\105\010\027\262\331\263\313\326\027\122\162\050\333
\216\116\236\212\266\013\371\236\204\232\115\166\336\042\051\134
\322\263\322\006\076\060\071\251\164\243\222\126\034\241\157\114
\012\040\155\237\043\172\264\306\332\054\344\035\054\334\263\050
\320\023\362\114\116\002\111\241\124\100\236\346\345\005\240\055
\204\310\377\230\154\320\353\212\032\204\010\036\267\150\043\356
\043\325\160\316\155\121\151\020\356\241\172\302\321\042\061\302
\202\205\322\362\125\166\120\174\045\172\311\204\134\013\254\335
\102\116\053\347\202\242\044\211\313\220\262\320\356\043\272\146
\114\273\142\244\371\123\132\144\173\174\230\372\243\110\236\017
\225\256\247\030\364\152\354\056\003\105\257\360\164\370\052\315
\172\135\321\276\104\046\062\051\361\361\365\154\314\176\002\041

\013\237\157\244\077\276\235\123\342\317\175\251\054\174\130\032
\227\341\075\067\067\030\146\050\322\100\305\121\212\214\303\055
\316\123\210\044\130\144\060\026\305\252\340\326\012\246\100\337
\170\366\365\004\174\151\023\204\274\321\321\247\006\317\001\367
\150\300\250\127\273\072\141\255\004\214\223\343\255\374\360\333
\104\155\131\334\111\131\256\254\232\231\066\060\101\173\166\063
\042\207\243\302\222\206\156\371\160\356\256\207\207\225\033\304
\172\275\061\363\324\322\345\231\377\276\110\354\165\365\170\026
\035\246\160\301\177\074\033\241\222\373\317\310\074\326\305\223
\012\217\365\125\072\166\225\316\131\230\212\011\225\167\062\232
\203\272\054\004\072\227\275\324\057\276\327\154\233\242\312\175
\155\046\311\125\325\317\303\171\122\010\011\231\007\044\055\144
\045\153\246\041\151\233\152\335\164\115\153\227\172\101\275\253
\027\371\220\027\110\217\066\371\055\325\305\333\356\252\205\105
\101\372\315\072\105\261\150\346\066\114\233\220\127\354\043\271
\207\010\302\304\011\361\227\206\052\050\115\342\164\300\332\304
\214\333\337\342\241\027\131\316\044\131\164\061\332\177\375\060
\155\331\334\341\152\341\374\137\002\003\001\000\001\243\202\001
\032\060\202\001\026\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004
\024\030\207\126\340\156\167\356\044\065\074\116\163\232\037\326
\341\342\171\176\053\060\037\006\003\125\035\043\004\030\060\026
\200\024\030\207\126\340\156\167\356\044\065\074\116\163\232\037
\326\341\342\171\176\053\060\104\006\003\125\035\040\004\075\060
\073\060\071\006\004\125\035\040\000\060\061\060\057\006\010\053
\006\001\005\005\007\002\001\026\043\150\164\164\160\163\072\057
\057\167\167\167\167\056\143\145\162\164\151\147\156\141\056\146
\162\057\141\165\164\157\162\151\164\145\163\057\060\155\006\003
\125\035\037\004\146\060\144\060\057\240\055\240\053\206\051\150
\164\164\160\072\057\057\143\162\154\056\143\145\162\164\151\147
\156\141\056\146\162\057\143\145\162\164\151\147\156\141\162\157
\157\164\143\141\056\143\162\154\060\061\240\057\240\055\206\053
\150\164\164\160\072\057\057\143\162\154\056\144\150\151\155\171
\157\164\151\163\056\143\157\155\057\143\145\162\164\151\147\156
\141\162\157\157\164\143\141\056\143\162\154\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\224
\270\236\117\360\343\225\010\042\347\315\150\101\367\034\125\325
\174\000\342\055\072\211\135\150\070\057\121\042\013\112\215\313
\351\273\135\076\273\134\075\261\050\376\344\123\125\023\317\241
\220\033\002\035\137\146\106\011\063\050\341\015\044\227\160\323
\020\037\352\144\127\226\273\135\332\347\304\214\117\114\144\106
\035\134\207\343\131\336\102\321\233\250\176\246\211\335\217\034
\311\060\202\355\073\234\315\300\351\031\340\152\330\002\165\067
\253\367\064\050\050\221\362\004\012\117\065\343\140\046\001\372
\320\021\214\371\021\152\356\257\075\303\120\323\217\137\063\171
\074\206\250\163\105\220\214\040\266\162\163\027\043\276\007\145
\345\170\222\015\272\001\300\353\214\034\146\277\254\206\167\001

```
\224\015\234\346\351\071\215\037\246\121\214\231\014\071\167\341
\264\233\372\034\147\127\157\152\152\216\251\053\114\127\171\172
\127\042\317\315\137\143\106\215\134\131\072\206\370\062\107\142
\243\147\015\030\221\334\373\246\153\365\110\141\163\043\131\216
\002\247\274\104\352\364\111\235\361\124\130\371\140\257\332\030
\244\057\050\105\334\172\240\210\206\135\363\073\347\377\051\065
\200\374\144\103\224\346\343\034\157\276\255\016\052\143\231\053
\311\176\205\366\161\350\006\003\225\376\336\217\110\034\132\324
\222\350\053\356\347\061\333\272\004\152\207\230\347\305\137\357
\175\247\042\367\001\330\115\371\211\320\016\232\005\131\244\236
\230\331\157\053\312\160\276\144\302\125\243\364\351\257\303\222
\051\334\210\026\044\231\074\215\046\230\266\133\267\314\316\267
\067\007\375\046\331\230\205\044\377\131\043\003\232\355\235\235
\250\344\136\070\316\327\122\015\157\322\077\155\261\005\153\111
\316\212\221\106\163\364\366\057\360\250\163\167\016\145\254\241
\215\146\122\151\176\113\150\014\307\036\067\047\203\245\214\307
\002\344\024\315\111\001\260\163\263\375\306\220\072\157\322\154
\355\073\356\354\221\276\242\103\135\213\000\112\146\045\104\160
\336\100\017\370\174\025\367\242\316\074\327\136\023\214\201\027
\030\027\321\275\361\167\020\072\324\145\071\301\047\254\127\054
\045\124\377\242\332\117\212\141\071\136\256\075\112\214\275
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Certigna Root CA"

Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimityotis,C=FR

Serial Number:00:ca:e9:1b:89:f1:55:03:0d:a3:e6:41:6d:c4:e3:a6:e1

Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimityotis,C=FR

Not Valid Before: Tue Oct 01 08:32:27 2013

Not Valid After : Sat Oct 01 08:32:27 2033

Fingerprint (SHA-256):

D4:8D:3D:23:EE:DB:50:A4:59:E5:51:97:60:1C:27:77:4B:9D:7B:18:C9:4D:5A:05:95:11:A1:02:50:B9:31:68

Fingerprint (SHA1): 2D:0D:52:14:FF:9E:AD:99:24:01:74:20:47:6E:6C:85:27:27:F5:43

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Certigna Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

```
\055\015\122\024\377\236\255\231\044\001\164\040\107\156\154\205
\047\047\365\103
```

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

```
\016\134\060\142\047\353\133\274\327\256\142\272\351\325\337\167
```

END

CKA_ISSUER MULTILINE_OCTAL

```
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304
\343\246\341
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "emSign Root CA - G1"

#

Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

Serial Number:31:f5:e4:62:0c:6c:58:ed:d6:d8

Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

Not Valid Before: Sun Feb 18 18:30:00 2018

Not Valid After : Wed Feb 18 18:30:00 2043

Fingerprint (SHA-256):

40:F6:AF:03:46:A9:9A:A1:CD:1D:55:5A:4E:9C:CE:62:C7:F9:63:46:03:EE:40:66:15:83:3D:C8:C8:D0:03:67

Fingerprint (SHA1): 8A:C7:AD:8F:73:AC:4E:C1:B5:75:4D:A5:40:F4:FC:CF:7C:B5:8E:8C

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "emSign Root CA - G1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
```

\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\061\365\344\142\014\154\130\355\326\330
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\224\060\202\002\174\240\003\002\001\002\002\012\061
\365\344\142\014\154\130\355\326\330\060\015\006\011\052\206\110
\206\367\015\001\001\013\005\000\060\147\061\013\060\011\006\003
\125\004\006\023\002\111\116\061\023\060\021\006\003\125\004\013
\023\012\145\155\123\151\147\156\040\120\113\111\061\045\060\043
\006\003\125\004\012\023\034\145\115\165\144\150\162\141\040\124
\145\143\150\156\157\154\157\147\151\145\163\040\114\151\155\151
\164\145\144\061\034\060\032\006\003\125\004\003\023\023\145\155
\123\151\147\156\040\122\157\157\164\040\103\101\040\055\040\107
\061\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060
\132\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147
\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034
\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157
\147\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032
\006\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157
\157\164\040\103\101\040\055\040\107\061\060\202\001\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001
\017\000\060\202\001\012\002\202\001\001\000\223\113\273\351\146
\212\356\235\133\325\064\223\320\033\036\303\347\236\270\144\063
\177\143\170\150\264\315\056\161\165\327\233\040\306\115\051\274
\266\150\140\212\367\041\232\126\065\132\363\166\275\330\315\232
\377\223\126\113\245\131\006\241\223\064\051\335\026\064\165\116
\362\201\264\307\226\116\255\031\025\122\112\376\074\160\165\160
\315\257\053\253\025\232\063\074\252\263\213\252\315\103\375\365
\352\160\377\355\317\021\073\224\316\116\062\026\323\043\100\052
\167\263\257\074\001\054\154\355\231\054\213\331\116\151\230\262
\367\217\101\260\062\170\141\326\015\137\303\372\242\100\222\035
\134\027\346\160\076\065\347\242\267\302\142\342\253\244\070\114
\265\071\065\157\352\003\151\372\072\124\150\205\155\326\362\057
\103\125\036\221\015\016\330\325\152\244\226\321\023\074\054\170
\120\350\072\222\322\027\126\345\065\032\100\034\076\215\054\355
\071\337\102\340\203\101\164\337\243\315\302\206\140\110\150\343
\151\013\124\000\213\344\166\151\041\015\171\116\064\010\136\024
\302\314\261\267\255\327\174\160\212\307\205\002\003\001\000\001
\243\102\060\100\060\035\006\003\125\035\016\004\026\004\024\373
\357\015\206\236\260\343\335\251\271\361\041\027\177\076\374\360
\167\053\032\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060

```
\003\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001
\013\005\000\003\202\001\001\000\131\377\362\214\365\207\175\161
\075\243\237\033\133\321\332\370\323\234\153\066\275\233\251\141
\353\336\026\054\164\075\236\346\165\332\327\272\247\274\102\027
\347\075\221\353\345\175\335\076\234\361\317\222\254\154\110\314
\302\042\077\151\073\305\266\025\057\243\065\306\150\052\034\127
\257\071\357\215\320\065\303\030\014\173\000\126\034\315\213\031
\164\336\276\017\022\340\320\252\241\077\002\064\261\160\316\235
\030\326\010\003\011\106\356\140\340\176\266\304\111\004\121\175
\160\140\274\252\262\377\171\162\172\246\035\075\137\052\370\312
\342\375\071\267\107\271\353\176\337\004\043\257\372\234\006\007
\351\373\143\223\200\100\265\306\154\012\061\050\316\014\237\317
\263\043\065\200\101\215\154\304\067\173\201\057\200\241\100\102
\205\351\331\070\215\350\241\123\315\001\277\151\350\132\006\362
\105\013\220\372\256\341\277\235\362\256\127\074\245\256\262\126
\364\213\145\100\351\375\061\201\054\364\071\011\330\356\153\247
\264\246\035\025\245\230\367\001\201\330\205\175\363\121\134\161
\210\336\272\314\037\200\176\112
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "emSign Root CA - G1"
```

```
# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
```

```
# Serial Number:31:f5:e4:62:0c:6c:58:ed:d6:d8
```

```
# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
```

```
# Not Valid Before: Sun Feb 18 18:30:00 2018
```

```
# Not Valid After : Wed Feb 18 18:30:00 2043
```

```
# Fingerprint (SHA-256):
```

```
40:F6:AF:03:46:A9:9A:A1:CD:1D:55:5A:4E:9C:CE:62:C7:F9:63:46:03:EE:40:66:15:83:3D:C8:C8:D0:03:67
```

```
# Fingerprint (SHA1): 8A:C7:AD:8F:73:AC:4E:C1:B5:75:4D:A5:40:F4:FC:CF:7C:B5:8E:8C
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "emSign Root CA - G1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\212\307\255\217\163\254\116\301\265\165\115\245\100\364\374\317
\174\265\216\214
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\234\102\204\127\335\313\013\247\056\225\255\266\363\332\274\254
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
```

```
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\012\061\365\344\142\014\154\130\355\326\330
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "emSign ECC Root CA - G3"

#

Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84

Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

Not Valid Before: Sun Feb 18 18:30:00 2018

Not Valid After : Wed Feb 18 18:30:00 2043

Fingerprint (SHA-256):

```
86:A1:EC:BA:08:9C:4A:8D:3B:BE:27:34:C6:12:BA:34:1D:81:3E:04:3C:F9:E8:A8:62:CD:5C:57:A3:6B:BE:6B
```

Fingerprint (SHA1): 30:43:FA:4F:F2:57:DC:A0:C3:80:EE:2E:58:EA:78:B2:3F:E6:BB:C1

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "emSign ECC Root CA - G3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\012\074\366\007\251\150\160\016\332\213\204

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\116\060\202\001\323\240\003\002\001\002\002\012\074
\366\007\251\150\160\016\332\213\204\060\012\006\010\052\206\110
\316\075\004\003\003\060\153\061\013\060\011\006\003\125\004\006
\023\002\111\116\061\023\060\021\006\003\125\004\013\023\012\145
\155\123\151\147\156\040\120\113\111\061\045\060\043\006\003\125
\004\012\023\034\145\115\165\144\150\162\141\040\124\145\143\150
\156\157\154\157\147\151\145\163\040\114\151\155\151\164\145\144
\061\040\060\036\006\003\125\004\003\023\027\145\155\123\151\147
\156\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040
\107\063\060\036\027\015\061\070\060\062\061\070\061\070\063\060
\060\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060
\060\132\060\153\061\013\060\011\006\003\125\004\006\023\002\111
\116\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151
\147\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023
\034\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154
\157\147\151\145\163\040\114\151\155\151\164\145\144\061\040\060
\036\006\003\125\004\003\023\027\145\155\123\151\147\156\040\105
\103\103\040\122\157\157\164\040\103\101\040\055\040\107\063\060
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201
\004\000\042\003\142\000\004\043\245\014\270\055\022\365\050\363
\261\262\335\342\002\022\200\236\071\137\111\115\237\311\045\064
\131\164\354\273\006\034\347\300\162\257\350\256\057\341\101\124
\207\024\250\112\262\350\174\202\346\133\152\265\334\263\165\316
\213\006\320\206\043\277\106\325\216\017\077\004\364\327\034\222
\176\366\245\143\302\365\137\216\056\117\241\030\031\002\053\062
\012\202\144\175\026\223\321\243\102\060\100\060\035\006\003\125
\035\016\004\026\004\024\174\135\002\204\023\324\314\212\233\201
\316\027\034\056\051\036\234\110\143\102\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\012\006\010\052
\206\110\316\075\004\003\003\003\151\000\060\146\002\061\000\276
\363\141\317\002\020\035\144\225\007\270\030\156\210\205\005\057
\203\010\027\220\312\037\212\114\350\015\033\172\261\255\325\201
\011\107\357\073\254\010\004\174\134\231\261\355\107\007\322\002
\061\000\235\272\125\374\251\112\350\355\355\346\166\001\102\173
\310\370\140\331\215\121\213\125\073\373\214\173\353\145\011\303
\370\226\315\107\250\202\362\026\125\167\044\176\022\020\225\004
\054\243

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE


```

# Trust for "emSign ECC Root CA - G3"
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
86:A1:EC:BA:08:9C:4A:8D:3B:BE:27:34:C6:12:BA:34:1D:81:3E:04:3C:F9:E8:A8:62:CD:5C:57:A3:6B:BE:6B
# Fingerprint (SHA1): 30:43:FA:4F:F2:57:DC:A0:C3:80:EE:2E:58:EA:78:B2:3F:E6:BB:C1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\060\103\372\117\362\127\334\240\303\200\356\056\130\352\170\262
\077\346\273\301
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\316\013\162\321\237\210\216\320\120\003\350\343\270\213\147\100
END
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\074\366\007\251\150\160\016\332\213\204
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign Root CA - C1"
#
# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2
# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
12:56:09:AA:30:1D:A0:A2:49:B9:7A:82:39:CB:6A:34:21:6F:44:DC:AC:9F:39:54:B1:42:92:F2:E8:C8:60:8F

```

Fingerprint (SHA1): E7:2E:F1:DF:FC:B2:09:28:CF:5D:D4:D5:67:37:B1:51:CB:86:4F:01

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\000\256\317\000\272\304\317\062\370\103\262
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\163\060\202\002\133\240\003\002\001\002\002\013\000
\256\317\000\272\304\317\062\370\103\262\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\060\126\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125\004
\013\023\012\145\155\123\151\147\156\040\120\113\111\061\024\060
\022\006\003\125\004\012\023\013\145\115\165\144\150\162\141\040
\111\156\143\061\034\060\032\006\003\125\004\003\023\023\145\155
\123\151\147\156\040\122\157\157\164\040\103\101\040\055\040\103
\061\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060
\132\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147
\156\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013
\145\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\103\061\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\317\353\251\271\361\231
\005\314\330\050\041\112\363\163\064\121\204\126\020\365\240\117
\054\022\343\372\023\232\047\320\317\371\171\032\164\137\035\171
```

\071\374\133\370\160\216\340\222\122\367\344\045\371\124\203\331
\035\323\310\132\205\077\136\307\266\007\356\076\300\316\232\257
\254\126\102\052\071\045\160\326\277\265\173\066\255\254\366\163
\334\315\327\035\212\203\245\373\053\220\025\067\153\034\046\107
\334\073\051\126\223\152\263\301\152\072\235\075\365\301\227\070
\130\005\213\034\021\343\344\264\270\135\205\035\203\376\170\137
\013\105\150\030\110\245\106\163\064\073\376\017\310\166\273\307
\030\363\005\321\206\363\205\355\347\271\331\062\255\125\210\316
\246\266\221\260\117\254\176\025\043\226\366\077\360\040\064\026
\336\012\306\304\004\105\171\177\247\375\276\322\251\245\257\234
\305\043\052\367\074\041\154\275\257\217\116\305\072\262\363\064
\022\374\337\200\032\111\244\324\251\225\367\236\211\136\242\211
\254\224\313\250\150\233\257\212\145\047\315\211\356\335\214\265
\153\051\160\103\240\151\013\344\271\017\002\003\001\000\001\243
\102\060\100\060\035\006\003\125\035\016\004\026\004\024\376\241
\340\160\036\052\003\071\122\132\102\276\134\221\205\172\030\252
\115\265\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\001\001\000\302\112\126\372\025\041\173\050\242
\351\345\035\373\370\055\304\071\226\101\114\073\047\054\304\154
\030\025\200\306\254\257\107\131\057\046\013\343\066\260\357\073
\376\103\227\111\062\231\022\025\133\337\021\051\377\253\123\370
\273\301\170\017\254\234\123\257\127\275\150\214\075\151\063\360
\243\240\043\143\073\144\147\042\104\255\325\161\313\126\052\170
\222\243\117\022\061\066\066\342\336\376\000\304\243\140\017\047
\255\240\260\212\265\066\172\122\241\275\047\364\040\047\142\350
\115\224\044\023\344\012\004\351\074\253\056\310\103\011\112\306
\141\004\345\111\064\176\323\304\310\365\017\300\252\351\272\124
\136\363\143\053\117\117\120\324\376\271\173\231\214\075\300\056
\274\002\053\323\304\100\344\212\007\061\036\233\316\046\231\023
\373\021\352\232\042\014\021\031\307\136\033\201\120\060\310\226
\022\156\347\313\101\177\221\073\242\107\267\124\200\033\334\000
\314\232\220\352\303\303\120\006\142\014\060\300\025\110\247\250
\131\174\341\256\042\242\342\012\172\017\372\142\253\122\114\341
\361\337\312\276\203\015\102

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "emSign Root CA - C1"
Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2
Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
Not Valid Before: Sun Feb 18 18:30:00 2018
Not Valid After : Wed Feb 18 18:30:00 2043
Fingerprint (SHA-256):

```

12:56:09:AA:30:1D:A0:A2:49:B9:7A:82:39:CB:6A:34:21:6F:44:DC:AC:9F:39:54:B1:42:92:F2:E8:C8:60:8F
# Fingerprint (SHA1): E7:2E:F1:DF:FC:B2:09:28:CF:5D:D4:D5:67:37:B1:51:CB:86:4F:01
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\347\056\361\337\374\262\011\050\317\135\324\325\147\067\261\121
\313\206\117\001
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\330\343\135\001\041\372\170\132\260\337\272\322\356\052\137\150
END
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\000\256\317\000\272\304\317\062\370\103\262
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign ECC Root CA - C3"
#
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:7b:71:b6:82:56:b8:12:7c:9c:a8
# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
BC:4D:80:9B:15:18:9D:78:DB:3E:1D:8C:F4:F9:72:6A:79:5D:A1:64:3C:A5:F1:35:8E:1D:DB:0E:DC:0D:7E:B3
# Fingerprint (SHA1): B6:AF:43:C2:9B:81:53:7D:F6:EF:6B:C3:1F:1F:60:15:0C:EE:48:66
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\012\173\161\266\202\126\270\022\174\234\250

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\053\060\202\001\261\240\003\002\001\002\002\012\173
\161\266\202\126\270\022\174\234\250\060\012\006\010\052\206\110
\316\075\004\003\003\060\132\061\013\060\011\006\003\125\004\006
\023\002\125\123\061\023\060\021\006\003\125\004\013\023\012\145
\155\123\151\147\156\040\120\113\111\061\024\060\022\006\003\125
\004\012\023\013\145\115\165\144\150\162\141\040\111\156\143\061
\040\060\036\006\003\125\004\003\023\027\145\155\123\151\147\156
\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040\103
\063\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060
\132\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147
\156\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013
\145\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\103\063\060\166\060
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000
\042\003\142\000\004\375\245\141\256\173\046\020\035\351\267\042
\060\256\006\364\201\263\261\102\161\225\071\274\323\122\343\257
\257\371\362\227\065\222\066\106\016\207\225\215\271\071\132\351
\273\337\320\376\310\007\101\074\273\125\157\203\243\152\373\142
\260\201\211\002\160\175\110\305\112\343\351\042\124\042\115\223
\273\102\014\257\167\234\043\246\175\327\141\021\316\145\307\370
\177\376\365\362\251\243\102\060\100\060\035\006\003\125\035\016
\004\026\004\024\373\132\110\320\200\040\100\362\250\351\000\007
\151\031\167\247\346\303\364\317\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\012\006\010\052\206\110

```
\316\075\004\003\003\003\150\000\060\145\002\061\000\264\330\057
\002\211\375\266\114\142\272\103\116\023\204\162\265\256\335\034
\336\326\265\334\126\217\130\100\132\055\336\040\114\042\203\312
\223\250\176\356\022\100\307\326\207\117\370\337\205\002\060\034
\024\144\344\174\226\203\021\234\260\321\132\141\113\246\017\111
\323\000\374\241\374\344\245\377\177\255\327\060\320\307\167\177
\276\201\007\125\060\120\040\024\365\127\070\012\250\061\121
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

Trust for "emSign ECC Root CA - C3"

Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US

Serial Number:7b:71:b6:82:56:b8:12:7c:9c:a8

Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US

Not Valid Before: Sun Feb 18 18:30:00 2018

Not Valid After : Wed Feb 18 18:30:00 2043

Fingerprint (SHA-256):

BC:4D:80:9B:15:18:9D:78:DB:3E:1D:8C:F4:F9:72:6A:79:5D:A1:64:3C:A5:F1:35:8E:1D:DB:0E:DC:0D:7E:B3

Fingerprint (SHA1): B6:AF:43:C2:9B:81:53:7D:F6:EF:6B:C3:1F:1F:60:15:0C:EE:48:66

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\266\257\103\302\233\201\123\175\366\357\153\303\037\037\140\025
\014\356\110\146
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\076\123\263\243\201\356\327\020\370\323\260\035\027\222\365\325
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\012\173\161\266\202\126\270\022\174\234\250
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "Hongkong Post Root CA 3"
#
# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Serial Number:08:16:5f:8a:4c:a5:ec:00:c9:93:40:df:c4:c6:ae:23:b8:1c:5a:a4
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Not Valid Before: Sat Jun 03 02:29:46 2017
# Not Valid After : Tue Jun 03 02:29:46 2042
# Fingerprint (SHA-256):
5A:2F:C0:3F:0C:83:B0:90:BB:FA:40:60:4B:09:88:44:6C:76:36:18:3D:F9:84:6E:17:10:1A:44:7F:B8:EF:D6
# Fingerprint (SHA1): 58:A2:D0:EC:20:52:81:5B:C1:F3:F8:64:02:24:4E:C2:8E:02:4B:02
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306
\256\043\270\034\132\244
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\317\060\202\003\267\240\003\002\001\002\002\024\010
\026\137\212\114\245\354\000\311\223\100\337\304\306\256\043\270
\034\132\244\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\157\061\013\060\011\006\003\125\004\006\023\002\110
```

\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156\147
\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023\011
\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003\125
\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163
\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156\147
\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103
\101\040\063\060\036\027\015\061\067\060\066\060\063\060\062\062
\071\064\066\132\027\015\064\062\060\066\060\063\060\062\062\071
\064\066\132\060\157\061\013\060\011\006\003\125\004\006\023\002
\110\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156
\147\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023
\011\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003
\125\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157
\163\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156
\147\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040
\103\101\040\063\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\263\210\327\352\316\017\040\116\276\346\326
\003\155\356\131\374\302\127\337\051\150\241\203\016\076\150\307
\150\130\234\034\140\113\211\103\014\271\324\025\262\356\301\116
\165\351\265\247\357\345\351\065\231\344\314\034\347\113\137\215
\063\060\040\063\123\331\246\273\325\076\023\216\351\037\207\111
\255\120\055\120\312\030\276\001\130\242\023\160\226\273\211\210
\126\200\134\370\275\054\074\341\114\127\210\273\323\271\225\357
\313\307\366\332\061\164\050\246\346\124\211\365\101\061\312\345
\046\032\315\202\340\160\332\073\051\273\325\003\365\231\272\125
\365\144\321\140\016\263\211\111\270\212\057\005\322\204\105\050
\174\217\150\120\022\170\374\013\265\123\313\302\230\034\204\243
\236\260\276\043\244\332\334\310\053\036\332\156\105\036\211\230
\332\371\000\056\006\351\014\073\160\325\120\045\210\231\313\315
\163\140\367\325\377\065\147\305\241\274\136\253\315\112\270\105
\353\310\150\036\015\015\024\106\022\343\322\144\142\212\102\230
\274\264\306\010\010\370\375\250\114\144\234\166\001\275\057\251
\154\063\017\330\077\050\270\074\151\001\102\206\176\151\301\311
\006\312\345\172\106\145\351\302\326\120\101\056\077\267\344\355
\154\327\277\046\001\021\242\026\051\112\153\064\006\220\354\023
\322\266\373\152\166\322\074\355\360\326\055\335\341\025\354\243
\233\057\054\311\076\053\344\151\073\377\162\045\261\066\206\133
\307\177\153\213\125\033\112\305\040\141\075\256\313\120\341\010
\072\276\260\217\143\101\123\060\010\131\074\230\035\167\272\143
\221\172\312\020\120\140\277\360\327\274\225\207\217\227\305\376
\227\152\001\224\243\174\133\205\035\052\071\072\320\124\241\321
\071\161\235\375\041\371\265\173\360\342\340\002\217\156\226\044
\045\054\240\036\054\250\304\211\247\357\355\231\006\057\266\012
\114\117\333\242\314\067\032\257\107\205\055\212\137\304\064\064
\114\000\375\030\223\147\023\321\067\346\110\264\213\006\305\127
\173\031\206\012\171\313\000\311\122\257\102\377\067\217\341\243
\036\172\075\120\253\143\006\347\025\265\077\266\105\067\224\067

\261\176\362\110\303\177\305\165\376\227\215\105\217\032\247\032
\162\050\032\100\017\002\003\001\000\001\243\143\060\141\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060
\037\006\003\125\035\043\004\030\060\026\200\024\027\235\315\036
\213\326\071\053\160\323\134\324\240\270\037\260\000\374\305\141
\060\035\006\003\125\035\016\004\026\004\024\027\235\315\036\213
\326\071\053\160\323\134\324\240\270\037\260\000\374\305\141\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202
\002\001\000\126\325\173\156\346\042\001\322\102\233\030\325\016
\327\146\043\134\343\376\240\307\222\322\351\224\255\113\242\306
\354\022\174\164\325\110\322\131\024\231\300\353\271\321\353\364
\110\060\133\255\247\127\163\231\251\323\345\267\321\056\131\044
\130\334\150\056\056\142\330\152\344\160\013\055\040\120\040\244
\062\225\321\000\230\273\323\375\367\062\362\111\256\306\172\340
\107\276\156\316\313\243\162\072\055\151\135\313\310\350\105\071
\324\372\102\301\021\114\167\135\222\373\152\377\130\104\345\353
\201\236\257\240\231\255\276\251\001\146\313\070\035\074\337\103
\037\364\115\156\264\272\027\106\374\175\375\207\201\171\152\015
\063\017\372\057\370\024\271\200\263\135\115\252\227\341\371\344
\030\305\370\325\070\214\046\074\375\362\050\342\356\132\111\210
\054\337\171\075\216\236\220\074\275\101\112\072\335\133\366\232
\264\316\077\045\060\177\062\175\242\003\224\320\334\172\241\122
\336\156\223\215\030\046\375\125\254\275\217\233\322\317\257\347
\206\054\313\037\011\157\243\157\251\204\324\163\277\115\241\164
\033\116\043\140\362\314\016\252\177\244\234\114\045\250\262\146
\073\070\377\331\224\060\366\162\204\276\150\125\020\017\306\163
\054\026\151\223\007\376\261\105\355\273\242\125\152\260\332\265
\112\002\045\047\205\327\267\267\206\104\026\211\154\200\053\076
\227\251\234\325\176\125\114\306\336\105\020\034\352\351\073\237
\003\123\356\356\172\001\002\026\170\324\350\302\276\106\166\210
\023\077\042\273\110\022\035\122\000\264\002\176\041\032\036\234
\045\364\363\075\136\036\322\034\371\263\055\266\367\067\134\306
\313\041\116\260\367\231\107\030\205\301\053\272\125\256\006\352
\320\007\262\334\253\320\202\226\165\316\322\120\376\231\347\317
\057\237\347\166\321\141\052\373\041\273\061\320\252\237\107\244
\262\042\312\026\072\120\127\304\133\103\147\305\145\142\003\111
\001\353\103\331\330\370\236\255\317\261\143\016\105\364\240\132
\054\233\055\305\246\300\255\250\107\364\047\114\070\015\056\033
\111\073\122\364\350\210\203\053\124\050\324\362\065\122\264\062
\203\142\151\144\014\221\234\237\227\352\164\026\375\037\021\006
\232\233\364

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Hongkong Post Root CA 3"

```
# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Serial Number:08:16:5f:8a:4c:a5:ec:00:c9:93:40:df:c4:c6:ae:23:b8:1c:5a:a4
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Not Valid Before: Sat Jun 03 02:29:46 2017
# Not Valid After : Tue Jun 03 02:29:46 2042
# Fingerprint (SHA-256):
5A:2F:C0:3F:0C:83:B0:90:BB:FA:40:60:4B:09:88:44:6C:76:36:18:3D:F9:84:6E:17:10:1A:44:7F:B8:EF:D6
# Fingerprint (SHA1): 58:A2:D0:EC:20:52:81:5B:C1:F3:F8:64:02:24:4E:C2:8E:02:4B:02
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\242\320\354\040\122\201\133\301\363\370\144\002\044\116\302
\216\002\113\002
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\374\237\275\163\060\002\212\375\077\363\130\271\313\040\360
END
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306
\256\043\270\034\132\244
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority - G4"
#
# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Wed May 27 11:11:16 2015
```

Not Valid After : Sun Dec 27 11:41:16 2037

Fingerprint (SHA-256):

DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37:24:60:E6:F0:1E:88

Fingerprint (SHA1): 14:88:4E:86:26:37:B0:26:AF:59:62:5C:40:77:EC:35:29:BA:96:01

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Entrust Root Certification Authority - G4"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\021\000\331\265\103\177\257\251\071\017\000\000\000\000\125
\145\255\130

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\113\060\202\004\063\240\003\002\001\002\002\021\000
\331\265\103\177\257\251\071\017\000\000\000\000\125\145\255\130

\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165\163
\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165\163
\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162\155
\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051\040
\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111\156
\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162\151
\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060\060
\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107\064
\060\036\027\015\061\065\060\065\062\067\061\061\061\061\061\066
\132\027\015\063\067\061\062\062\067\061\061\064\061\061\066\132
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\261\354\054\102\356\342\321\060\377\245\222\107\342\055
\303\272\144\227\155\312\367\015\265\131\301\263\313\250\150\031
\330\257\204\155\060\160\135\176\363\056\322\123\231\341\376\037
\136\331\110\257\135\023\215\333\377\143\063\115\323\000\002\274
\304\370\321\006\010\224\171\130\212\025\336\051\263\375\375\304
\117\350\252\342\240\073\171\315\277\153\103\062\335\331\164\020
\271\367\364\150\324\273\320\207\325\252\113\212\052\157\052\004
\265\262\246\307\240\172\346\110\253\322\321\131\314\326\176\043
\346\227\154\360\102\345\334\121\113\025\101\355\111\112\311\336
\020\227\326\166\301\357\245\265\066\024\227\065\330\170\042\065
\122\357\103\275\333\047\333\141\126\202\064\334\313\210\140\014
\013\132\345\054\001\306\124\257\327\252\301\020\173\322\005\132
\270\100\236\206\247\303\220\206\002\126\122\011\172\234\322\047
\202\123\112\145\122\152\365\074\347\250\362\234\257\213\275\323
\016\324\324\136\156\207\236\152\075\105\035\321\135\033\364\351
\012\254\140\231\373\211\264\377\230\054\317\174\035\351\002\252
\004\232\036\270\334\210\156\045\263\154\146\367\074\220\363\127
\301\263\057\365\155\362\373\312\241\370\051\235\106\213\263\152
\366\346\147\007\276\054\147\012\052\037\132\262\076\127\304\323

\041\041\143\145\122\221\033\261\231\216\171\176\346\353\215\000
\331\132\252\352\163\350\244\202\002\107\226\376\133\216\124\141
\243\353\057\113\060\260\213\043\165\162\174\041\074\310\366\361
\164\324\034\173\243\005\125\356\273\115\073\062\276\232\167\146
\236\254\151\220\042\007\037\141\072\226\276\345\232\117\314\005
\074\050\131\323\301\014\124\250\131\141\275\310\162\114\350\334
\237\207\177\275\234\110\066\136\225\243\016\271\070\044\125\374
\165\146\353\002\343\010\064\051\112\306\343\053\057\063\240\332
\243\206\245\022\227\375\200\053\332\024\102\343\222\275\076\362
\135\136\147\164\056\034\210\107\051\064\137\342\062\250\234\045
\067\214\272\230\000\227\213\111\226\036\375\045\212\254\334\332
\330\135\164\156\146\260\377\104\337\241\030\306\276\110\057\067
\224\170\370\225\112\077\177\023\136\135\131\375\164\206\103\143
\163\111\002\003\001\000\001\243\102\060\100\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003
\125\035\016\004\026\004\024\237\070\304\126\043\303\071\350\240
\161\154\350\124\114\344\350\072\261\277\147\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\022
\345\102\246\173\213\017\014\344\106\245\266\140\100\207\214\045
\176\255\270\150\056\133\306\100\166\074\003\370\311\131\364\363
\253\142\316\020\215\264\132\144\214\150\300\260\162\103\064\322
\033\013\366\054\123\322\312\220\113\206\146\374\252\203\042\364
\213\032\157\046\110\254\166\167\010\277\305\230\134\364\046\211
\236\173\303\271\144\062\001\177\323\303\335\130\155\354\261\253
\204\125\164\167\204\004\047\122\153\206\114\316\335\271\145\377
\326\306\136\237\232\020\231\113\165\152\376\152\351\227\040\344
\344\166\172\306\320\044\252\220\315\040\220\272\107\144\373\177
\007\263\123\170\265\012\142\362\163\103\316\101\053\201\152\056
\205\026\224\123\324\153\137\162\042\253\121\055\102\325\000\234
\231\277\336\273\224\073\127\375\232\365\206\313\126\073\133\210
\001\345\174\050\113\003\371\111\203\174\262\177\174\343\355\216
\241\177\140\123\216\125\235\120\064\022\017\267\227\173\154\207
\112\104\347\365\155\354\200\067\360\130\031\156\112\150\166\360
\037\222\344\352\265\222\323\141\121\020\013\255\247\331\137\307
\137\334\037\243\134\214\241\176\233\267\236\323\126\157\146\136
\007\226\040\355\013\164\373\146\116\213\021\025\351\201\111\176
\157\260\324\120\177\042\327\137\145\002\015\246\364\205\036\330
\256\006\113\112\247\322\061\146\302\370\316\345\010\246\244\002
\226\104\150\127\304\325\063\317\031\057\024\304\224\034\173\244
\331\360\237\016\261\200\342\321\236\021\144\251\210\021\072\166
\202\345\142\302\200\330\244\203\355\223\357\174\057\220\260\062
\114\226\025\150\110\122\324\231\010\300\044\350\034\343\263\245
\041\016\222\300\220\037\317\040\137\312\073\070\307\267\155\072
\363\346\104\270\016\061\153\210\216\160\353\234\027\122\250\101
\224\056\207\266\347\246\022\305\165\337\133\300\012\156\173\244
\344\136\206\371\066\224\337\167\303\351\015\300\071\361\171\273
\106\216\253\103\131\047\267\040\273\043\351\126\100\041\354\061

```
\075\145\252\103\362\075\337\160\104\341\272\115\046\020\073\230
\237\363\310\216\033\070\126\041\152\121\223\323\221\312\106\332
\211\267\075\123\203\054\010\037\213\217\123\335\377\254\037
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
```

```
# Trust for "Entrust Root Certification Authority - G4"
# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):
```

```
DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37:24:60:E6:F0:1E:88
# Fingerprint (SHA1): 14:88:4E:86:26:37:B0:26:AF:59:62:5C:40:77:EC:35:29:BA:96:01
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Entrust Root Certification Authority - G4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\024\210\116\206\046\067\260\046\257\131\142\134\100\167\354\065
\051\272\226\001
```

```
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\211\123\361\203\043\267\174\216\005\361\214\161\070\116\037\210
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\021\000\331\265\103\177\257\251\071\017\000\000\000\000\125
\145\255\130
```

```
END
```

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Microsoft ECC Root Certificate Authority 2017"

#

Issuer: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US

Serial Number:66:f2:3d:af:87:de:8b:b1:4a:ea:0c:57:31:01:c2:ec

Subject: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US

Not Valid Before: Wed Dec 18 23:06:45 2019

Not Valid After : Fri Jul 18 23:16:04 2042

Fingerprint (SHA-256):

35:8D:F3:9D:76:4A:F9:E1:B7:66:E9:C9:72:DF:35:2E:E1:5C:FA:C2:27:AF:6A:D1:D7:0E:8E:4A:6E:DC:BA:02

Fingerprint (SHA1): 99:9A:64:C3:7F:F4:7D:9F:AB:95:F1:47:69:89:14:60:EE:C4:C3:C5

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Microsoft ECC Root Certificate Authority 2017"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\146\362\075\257\207\336\213\261\112\352\014\127\061\001
\302\354

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\131\060\202\001\337\240\003\002\001\002\002\020\146
\362\075\257\207\336\213\261\112\352\014\127\061\001\302\354\060

\012\006\010\052\206\110\316\075\004\003\003\060\145\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\036\060\034\006\003
\125\004\012\023\025\115\151\143\162\157\163\157\146\164\040\103
\157\162\160\157\162\141\164\151\157\156\061\066\060\064\006\003
\125\004\003\023\055\115\151\143\162\157\163\157\146\164\040\105
\103\103\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060
\061\067\060\036\027\015\061\071\061\062\061\070\062\063\060\066
\064\065\132\027\015\064\062\060\067\061\070\062\063\061\066\060
\064\132\060\145\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\036\060\034\006\003\125\004\012\023\025\115\151\143\162
\157\163\157\146\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\066\060\064\006\003\125\004\003\023\055\115\151\143\162
\157\163\157\146\164\040\105\103\103\040\122\157\157\164\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171\040\062\060\061\067\060\166\060\020\006\007\052
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\324\274\075\002\102\165\101\023\043\315\200\004\206\002\121
\057\152\250\201\142\013\145\314\366\312\235\036\157\112\146\121
\242\003\331\235\221\372\266\026\261\214\156\336\174\315\333\171
\246\057\316\273\316\161\057\345\245\253\050\354\143\004\146\231
\370\372\362\223\020\005\341\201\050\102\343\306\150\364\346\033
\204\140\112\211\257\355\171\017\073\316\361\366\104\365\001\170
\300\243\124\060\122\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\310\313\231\162\160\122\014\370\346\276\262\004\127\051\052
\317\102\020\355\065\060\020\006\011\053\006\001\004\001\202\067
\025\001\004\003\002\001\000\060\012\006\010\052\206\110\316\075
\004\003\003\003\150\000\060\145\002\060\130\362\115\352\014\371
\137\136\356\140\051\313\072\362\333\326\062\204\031\077\174\325
\057\302\261\314\223\256\120\273\011\062\306\306\355\176\311\066
\224\022\344\150\205\006\242\033\320\057\002\061\000\231\351\026
\264\016\372\126\110\324\244\060\026\221\170\333\124\214\145\001
\212\347\120\146\302\061\267\071\272\270\032\042\007\116\374\153
\124\026\040\377\053\265\347\114\014\115\246\117\163

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Microsoft ECC Root Certificate Authority 2017"
Issuer: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
Serial Number:66:f2:3d:af:87:de:8b:b1:4a:ea:0c:57:31:01:c2:ec
Subject: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
Not Valid Before: Wed Dec 18 23:06:45 2019
Not Valid After : Fri Jul 18 23:16:04 2042
Fingerprint (SHA-256):


```

35:8D:F3:9D:76:4A:F9:E1:B7:66:E9:C9:72:DF:35:2E:E1:5C:FA:C2:27:AF:6A:D1:D7:0E:8E:4A:6E:DC:BA:02
# Fingerprint (SHA1): 99:9A:64:C3:7F:F4:7D:9F:AB:95:F1:47:69:89:14:60:EE:C4:C3:C5
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft ECC Root Certificate Authority 2017"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\231\232\144\303\177\364\175\237\253\225\361\107\151\211\024\140
\356\304\303\305
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\335\241\003\346\112\223\020\321\277\360\031\102\313\376\355\147
END
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\146\362\075\257\207\336\213\261\112\352\014\127\061\001
\302\354
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Microsoft RSA Root Certificate Authority 2017"
#
# Issuer: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Serial Number:1e:d3:97:09:5f:d8:b4:b3:47:70:1e:aa:be:7f:45:b3
# Subject: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Not Valid Before: Wed Dec 18 22:51:22 2019
# Not Valid After : Fri Jul 18 23:00:23 2042
# Fingerprint (SHA-256):
C7:41:F7:0F:4B:2A:8D:88:BF:2E:71:C1:41:22:EF:53:EF:10:EB:A0:CF:A5:E6:4C:FA:20:F4:18:85:30:73:E0
# Fingerprint (SHA1): 73:A5:E6:4A:3B:FF:83:16:FF:0E:DC:CC:61:8A:90:6E:4E:AE:4D:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft RSA Root Certificate Authority 2017"

```

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\036\323\227\011\137\330\264\263\107\160\036\252\276\177
\105\263

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\250\060\202\003\220\240\003\002\001\002\002\020\036
\323\227\011\137\330\264\263\107\160\036\252\276\177\105\263\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\145
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036\060
\034\006\003\125\004\012\023\025\115\151\143\162\157\163\157\146
\164\040\103\157\162\160\157\162\141\164\151\157\156\061\066\060
\064\006\003\125\004\003\023\055\115\151\143\162\157\163\157\146
\164\040\122\123\101\040\122\157\157\164\040\103\145\162\164\151
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171
\040\062\060\061\067\060\036\027\015\061\071\061\062\061\070\062
\062\065\061\062\062\132\027\015\064\062\060\067\061\070\062\063
\060\060\062\063\132\060\145\061\013\060\011\006\003\125\004\006
\023\002\125\123\061\036\060\034\006\003\125\004\012\023\025\115
\151\143\162\157\163\157\146\164\040\103\157\162\160\157\162\141
\164\151\157\156\061\066\060\064\006\003\125\004\003\023\055\115
\151\143\162\157\163\157\146\164\040\122\123\101\040\122\157\157
\164\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165
\164\150\157\162\151\164\171\040\062\060\061\067\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\133\276
\224\063\214\051\225\221\026\012\225\275\107\142\301\211\363\231
\066\337\106\220\311\245\355\170\152\157\107\221\150\370\047\147
\120\063\035\241\246\373\340\345\103\243\204\002\127\001\135\234

\110\100\202\123\020\274\277\307\073\150\220\266\202\055\345\364
\145\320\314\155\031\314\225\371\173\254\112\224\255\016\336\113
\103\035\207\007\222\023\220\200\203\144\065\071\004\374\345\351
\154\263\266\037\120\224\070\145\120\134\027\106\271\266\205\265
\034\265\027\350\326\105\235\330\262\046\260\312\304\160\112\256
\140\244\335\263\331\354\374\073\325\127\162\274\077\310\311\262
\336\113\153\370\043\154\003\300\005\275\225\307\315\163\073\146
\200\144\343\032\254\056\371\107\005\362\006\266\233\163\365\170
\063\133\307\241\373\047\052\241\264\232\221\214\221\323\072\202
\076\166\100\264\315\122\141\121\160\050\077\305\305\132\362\311
\214\111\273\024\133\115\310\377\147\115\114\022\226\255\365\376
\170\250\227\207\327\375\136\040\200\334\241\113\042\373\324\211
\255\272\316\107\227\107\125\173\217\105\310\147\050\204\225\034
\150\060\357\357\111\340\065\173\144\347\230\260\224\332\115\205
\073\076\125\304\050\257\127\363\236\023\333\106\047\237\036\242
\136\104\203\244\245\312\325\023\263\113\077\304\343\302\346\206
\141\244\122\060\271\172\040\117\157\017\070\123\313\063\014\023
\053\217\326\232\275\052\310\055\261\034\175\113\121\312\107\321
\110\047\162\135\207\353\325\105\346\110\145\235\257\122\220\272
\133\242\030\145\127\022\237\150\271\324\025\153\224\304\151\042
\230\364\063\340\355\371\121\216\101\120\311\064\117\166\220\254
\374\070\301\330\341\173\271\343\343\224\341\106\151\313\016\012
\120\153\023\272\254\017\067\132\267\022\265\220\201\036\126\256
\127\042\206\331\311\322\321\327\121\343\253\073\306\125\375\036
\016\323\164\012\321\332\252\352\151\270\227\050\217\110\304\007
\370\122\103\072\364\312\125\065\054\260\246\152\300\234\371\362
\201\341\022\152\300\105\331\147\263\316\377\043\242\211\012\124
\324\024\271\052\250\327\354\371\253\315\045\130\062\171\217\220
\133\230\071\304\010\006\301\254\177\016\075\000\245\002\003\001
\000\001\243\124\060\122\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\011\313\131\177\206\262\160\217\032\303\071\343\300\331
\351\277\273\115\262\043\060\020\006\011\053\006\001\004\001\202
\067\025\001\004\003\002\001\000\060\015\006\011\052\206\110\206
\367\015\001\001\014\005\000\003\202\002\001\000\254\257\076\135
\302\021\226\211\216\243\347\222\326\227\025\270\023\242\246\102
\056\002\315\026\005\131\047\312\040\350\272\270\350\032\354\115
\250\227\126\256\145\103\261\217\000\233\122\315\125\315\123\071
\155\142\114\213\015\133\174\056\104\277\203\020\217\363\123\202
\200\303\117\072\307\156\021\077\346\343\026\221\204\373\155\204
\177\064\164\255\211\247\316\271\327\327\237\204\144\222\276\225
\241\255\011\123\063\335\356\012\352\112\121\216\157\125\253\272
\265\224\106\256\214\177\330\242\120\045\145\140\200\106\333\063
\004\256\154\265\230\164\124\045\334\223\344\370\343\125\025\075
\270\155\303\012\244\022\301\151\205\156\337\144\361\123\231\341
\112\165\040\235\225\017\344\326\334\003\361\131\030\350\107\211
\262\127\132\224\266\251\330\027\053\027\111\345\166\313\301\126

```
\231\072\067\261\377\151\054\221\221\223\341\337\114\243\067\166
\115\241\237\370\155\036\035\323\372\354\373\364\105\035\023\155
\317\367\131\345\042\047\162\053\206\363\127\273\060\355\044\115
\334\175\126\273\243\263\370\064\171\211\301\340\362\002\141\367
\246\374\017\273\034\027\013\256\101\331\174\275\047\243\375\056
\072\321\223\224\261\163\035\044\213\257\133\040\211\255\267\147
\146\171\365\072\306\246\226\063\376\123\222\310\106\261\021\221
\306\231\177\217\311\326\146\061\040\101\020\207\055\014\326\301
\257\064\230\312\144\203\373\023\127\321\301\360\074\172\214\245
\301\375\225\041\240\161\301\223\147\161\022\352\217\210\012\151
\031\144\231\043\126\373\254\052\056\160\276\146\304\014\204\357
\345\213\363\223\001\370\152\220\223\147\113\262\150\243\265\142
\217\351\077\214\172\073\136\017\347\214\270\306\174\357\067\375
\164\342\310\117\063\162\341\224\071\155\275\022\257\276\014\116
\160\174\033\157\215\263\062\223\163\104\026\155\350\364\367\340
\225\200\217\226\135\070\244\364\253\336\012\060\207\223\330\115
\000\161\142\105\047\113\072\102\204\133\177\145\267\147\064\122
\055\234\026\153\252\250\330\173\243\102\114\161\307\014\312\076
\203\344\246\357\267\001\060\136\121\243\171\365\160\151\246\101
\104\017\206\260\054\221\306\075\352\256\017\204
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Microsoft RSA Root Certificate Authority 2017"
```

```
# Issuer: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
```

```
# Serial Number: 1e:d3:97:09:5f:d8:b4:b3:47:70:1e:aa:be:7f:45:b3
```

```
# Subject: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
```

```
# Not Valid Before: Wed Dec 18 22:51:22 2019
```

```
# Not Valid After : Fri Jul 18 23:00:23 2042
```

```
# Fingerprint (SHA-256):
```

```
C7:41:F7:0F:4B:2A:8D:88:BF:2E:71:C1:41:22:EF:53:EF:10:EB:A0:CF:A5:E6:4C:FA:20:F4:18:85:30:73:E0
```

```
# Fingerprint (SHA1): 73:A5:E6:4A:3B:FF:83:16:FF:0E:DC:CC:61:8A:90:6E:4E:AE:4D:74
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Microsoft RSA Root Certificate Authority 2017"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\163\245\346\112\073\377\203\026\377\016\334\314\141\212\220\156
\116\256\115\164
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\020\377\000\377\317\311\370\307\172\300\356\065\216\311\017\107
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
```

```
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\036\323\227\011\137\330\264\263\107\160\036\252\276\177
\105\263
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "e-Szigno Root CA 2017"

#

Issuer: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU

Serial Number:01:54:48:ef:21:fd:97:59:0d:f5:04:0a

Subject: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU

Not Valid Before: Tue Aug 22 12:07:06 2017

Not Valid After : Fri Aug 22 12:07:06 2042

Fingerprint (SHA-256):

BE:B0:0B:30:83:9B:9B:C3:2C:32:E4:44:79:05:95:06:41:F2:64:21:B1:5E:D0:89:19:8B:51:8A:E2:EA:1B:99

Fingerprint (SHA1): 89:D4:83:03:4F:9E:9A:48:80:5F:72:37:D4:A9:A6:EF:CB:7C:1F:D1

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "e-Szigno Root CA 2017"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\161\061\013\060\011\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151\143
\162\157\163\145\143\040\114\164\144\056\061\027\060\025\006\003
\125\004\141\014\016\126\101\124\110\125\055\062\063\065\070\064
\064\071\067\061\036\060\034\006\003\125\004\003\014\025\145\055
\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040\062
\060\061\067
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\161\061\013\060\011\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151\143
```

\162\157\163\145\143\040\114\164\144\056\061\027\060\025\006\003
\125\004\141\014\016\126\101\124\110\125\055\062\063\065\070\064
\064\071\067\061\036\060\034\006\003\125\004\003\014\025\145\055
\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040\062
\060\061\067

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\014\001\124\110\357\041\375\227\131\015\365\004\012

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\100\060\202\001\345\240\003\002\001\002\002\014\001
\124\110\357\041\375\227\131\015\365\004\012\060\012\006\010\052
\206\110\316\075\004\003\002\060\161\061\013\060\011\006\003\125
\004\006\023\002\110\125\061\021\060\017\006\003\125\004\007\014
\010\102\165\144\141\160\145\163\164\061\026\060\024\006\003\125
\004\012\014\015\115\151\143\162\157\163\145\143\040\114\164\144
\056\061\027\060\025\006\003\125\004\141\014\016\126\101\124\110
\125\055\062\063\065\070\064\064\071\067\061\036\060\034\006\003
\125\004\003\014\025\145\055\123\172\151\147\156\157\040\122\157
\157\164\040\103\101\040\062\060\061\067\060\036\027\015\061\067
\060\070\062\062\061\062\060\067\060\066\132\027\015\064\062\060
\070\062\062\061\062\060\067\060\066\132\060\161\061\013\060\011
\006\003\125\004\006\023\002\110\125\061\021\060\017\006\003\125
\004\007\014\010\102\165\144\141\160\145\163\164\061\026\060\024
\006\003\125\004\012\014\015\115\151\143\162\157\163\145\143\040
\114\164\144\056\061\027\060\025\006\003\125\004\141\014\016\126
\101\124\110\125\055\062\063\065\070\064\064\071\067\061\036\060
\034\006\003\125\004\003\014\025\145\055\123\172\151\147\156\157
\040\122\157\157\164\040\103\101\040\062\060\061\067\060\131\060
\023\006\007\052\206\110\316\075\002\001\006\010\052\206\110\316
\075\003\001\007\003\102\000\004\226\334\075\212\330\260\173\157
\306\047\276\104\220\261\263\126\025\173\216\103\044\175\032\204
\131\356\143\150\262\306\136\207\320\025\110\036\250\220\255\275
\123\242\332\336\072\220\246\140\137\150\062\265\206\101\337\207
\133\054\173\305\376\174\172\332\243\143\060\141\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006
\003\125\035\016\004\026\004\024\207\021\025\010\321\252\301\170
\014\261\257\316\306\311\220\357\277\060\004\300\060\037\006\003
\125\035\043\004\030\060\026\200\024\207\021\025\010\321\252\301
\170\014\261\257\316\306\311\220\357\277\060\004\300\060\012\006
\010\052\206\110\316\075\004\003\002\003\111\000\060\106\002\041
\000\265\127\335\327\212\125\013\066\341\206\104\372\324\331\150
\215\270\334\043\212\212\015\324\057\175\352\163\354\277\115\154
\250\002\041\000\313\245\264\022\372\347\265\350\317\176\223\374
\363\065\217\157\116\132\174\264\274\116\262\374\162\252\133\131
\371\347\334\061

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "e-Szigno Root CA 2017"

Issuer: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU

Serial Number:01:54:48:ef:21:fd:97:59:0d:f5:04:0a

Subject: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU

Not Valid Before: Tue Aug 22 12:07:06 2017

Not Valid After : Fri Aug 22 12:07:06 2042

Fingerprint (SHA-256):

BE:B0:0B:30:83:9B:9B:C3:2C:32:E4:44:79:05:95:06:41:F2:64:21:B1:5E:D0:89:19:8B:51:8A:E2:EA:1B:99

Fingerprint (SHA1): 89:D4:83:03:4F:9E:9A:48:80:5F:72:37:D4:A9:A6:EF:CB:7C:1F:D1

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "e-Szigno Root CA 2017"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\211\324\203\003\117\236\232\110\200\137\162\067\324\251\246\357
\313\174\037\321

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\336\037\366\236\204\256\247\264\041\316\036\130\175\321\204\230
END

CKA_ISSUER MULTILINE_OCTAL

\060\161\061\013\060\011\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151\143
\162\157\163\145\143\040\114\164\144\056\061\027\060\025\006\003
\125\004\141\014\016\126\101\124\110\125\055\062\063\065\070\064
\064\071\067\061\036\060\034\006\003\125\004\003\014\025\145\055
\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040\062
\060\061\067

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\014\001\124\110\357\041\375\227\131\015\365\004\012

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "certSIGN Root CA G2"

#

Issuer: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO

Serial Number:11:00:34:b6:4e:c6:36:2d:36

```
# Subject: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
# Not Valid Before: Mon Feb 06 09:27:35 2017
# Not Valid After : Thu Feb 06 09:27:35 2042
# Fingerprint (SHA-256):
65:7C:FE:2F:A7:3F:AA:38:46:25:71:F3:32:A2:36:3A:46:FC:E7:02:09:51:71:07:02:CD:FB:B6:EE:DA:33:05
# Fingerprint (SHA1): 26:F9:93:B4:ED:3D:28:27:B0:B9:4B:A7:E9:15:1D:A3:8D:92:E5:32
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN Root CA G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\024\060\022\006\003\125\004\012\023\013\103\105\122\124\123\111
\107\116\040\123\101\061\034\060\032\006\003\125\004\013\023\023
\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103\101
\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\024\060\022\006\003\125\004\012\023\013\103\105\122\124\123\111
\107\116\040\123\101\061\034\060\032\006\003\125\004\013\023\023
\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103\101
\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\021\000\064\266\116\306\066\055\066
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\107\060\202\003\057\240\003\002\001\002\002\011\021
\000\064\266\116\306\066\055\066\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\060\101\061\013\060\011\006\003\125
\004\006\023\002\122\117\061\024\060\022\006\003\125\004\012\023
\013\103\105\122\124\123\111\107\116\040\123\101\061\034\060\032
\006\003\125\004\013\023\023\143\145\162\164\123\111\107\116\040
\122\117\117\124\040\103\101\040\107\062\060\036\027\015\061\067
\060\062\060\066\060\071\062\067\063\065\132\027\015\064\062\060
\062\060\066\060\071\062\067\063\065\132\060\101\061\013\060\011
\006\003\125\004\006\023\002\122\117\061\024\060\022\006\003\125
\004\012\023\013\103\105\122\124\123\111\107\116\040\123\101\061
\034\060\032\006\003\125\004\013\023\023\143\145\162\164\123\111
\107\116\040\122\117\117\124\040\103\101\040\107\062\060\202\002
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\300\305
\165\031\221\175\104\164\164\207\376\016\073\226\334\330\001\026
\314\356\143\221\347\013\157\316\073\012\151\032\174\302\343\257
```


\202\216\206\327\136\217\127\353\323\041\131\375\071\067\102\060
\276\120\352\266\017\251\210\330\056\055\151\041\347\321\067\030
\116\175\221\325\026\137\153\133\000\302\071\103\015\066\205\122
\271\123\145\017\035\102\345\217\317\005\323\356\334\014\032\331
\270\213\170\042\147\344\151\260\150\305\074\344\154\132\106\347
\315\307\372\357\304\354\113\275\152\244\254\375\314\050\121\357
\222\264\051\253\253\065\232\114\344\304\010\306\046\314\370\151
\237\344\234\360\051\323\134\371\306\026\045\236\043\303\040\301
\075\017\077\070\100\260\376\202\104\070\252\132\032\212\153\143
\130\070\264\025\323\266\021\151\173\036\124\356\214\032\042\254
\162\227\077\043\131\233\311\042\204\301\007\117\314\177\342\127
\312\022\160\273\246\145\363\151\165\143\275\225\373\033\227\315
\344\250\257\366\321\116\250\331\212\161\044\315\066\075\274\226
\304\361\154\251\256\345\317\015\156\050\015\260\016\265\312\121
\173\170\024\303\040\057\177\373\024\125\341\021\231\375\325\012
\241\236\002\343\142\137\353\065\113\054\270\162\350\076\075\117
\254\054\273\056\206\342\243\166\217\345\223\052\317\245\253\310
\134\215\113\006\377\022\106\254\170\313\024\007\065\340\251\337
\213\351\257\025\117\026\211\133\275\366\215\306\131\256\210\205
\016\301\211\353\037\147\305\105\216\377\155\067\066\053\170\146
\203\221\121\053\075\377\121\167\166\142\241\354\147\076\076\201
\203\340\126\251\120\037\037\172\231\253\143\277\204\027\167\361
\015\073\337\367\234\141\263\065\230\212\072\262\354\074\032\067
\077\176\217\222\317\331\022\024\144\332\020\002\025\101\377\117
\304\353\034\243\311\372\231\367\106\351\341\030\331\261\270\062
\055\313\024\014\120\330\203\145\203\356\271\134\317\313\005\132
\114\372\031\227\153\326\135\023\323\302\134\124\274\062\163\240
\170\365\361\155\036\313\237\245\246\237\042\334\321\121\236\202
\171\144\140\051\023\076\243\375\117\162\152\253\342\324\345\270
\044\125\054\104\113\212\210\104\234\312\204\323\052\073\002\003
\001\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\035\006\003\125\035\016\004
\026\004\024\202\041\055\146\306\327\240\340\025\353\316\114\011
\167\304\140\236\124\156\003\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\003\202\002\001\000\140\336\032\270\347
\362\140\202\325\003\063\201\313\006\212\361\042\111\351\350\352
\221\177\306\063\136\150\031\003\206\073\103\001\317\007\160\344
\010\036\145\205\221\346\021\042\267\365\002\043\216\256\271\036
\175\037\176\154\346\275\045\325\225\032\362\005\246\257\205\002
\157\256\370\326\061\377\045\311\112\310\307\212\251\331\237\113
\111\233\021\127\231\222\103\021\336\266\063\244\314\327\215\144
\175\324\315\074\050\054\264\232\226\352\115\365\304\104\304\045
\252\040\200\330\051\125\367\340\101\374\006\046\377\271\066\365
\103\024\003\146\170\341\021\261\332\040\137\106\000\170\000\041
\245\036\000\050\141\170\157\250\001\001\217\235\064\232\377\364
\070\220\373\270\321\263\162\006\311\161\346\201\305\171\355\013
\246\171\362\023\013\234\367\135\016\173\044\223\264\110\333\206

```
\137\336\120\206\170\347\100\346\061\250\220\166\160\141\257\234
\067\054\021\265\202\267\252\256\044\064\133\162\014\151\015\315
\131\237\366\161\257\234\013\321\012\070\371\006\042\203\123\045
\014\374\121\304\346\276\342\071\225\013\044\255\257\321\225\344
\226\327\164\144\153\161\116\002\074\252\205\363\040\243\103\071
\166\133\154\120\376\232\234\024\036\145\024\212\025\275\243\202
\105\132\111\126\152\322\234\261\143\062\345\141\340\123\042\016
\247\012\111\352\313\176\037\250\342\142\200\366\020\105\122\230
\006\030\336\245\315\057\177\252\324\351\076\010\162\354\043\003
\002\074\246\252\330\274\147\164\075\024\027\373\124\113\027\343
\323\171\075\155\153\111\311\050\016\056\164\120\277\014\331\106
\072\020\206\311\247\077\351\240\354\177\353\245\167\130\151\161
\346\203\012\067\362\206\111\152\276\171\010\220\366\002\026\144
\076\345\332\114\176\014\064\311\371\137\266\263\050\121\247\247
\053\252\111\372\215\145\051\116\343\153\023\247\224\243\055\121
\155\170\014\104\313\337\336\010\157\316\243\144\253\323\225\204
\324\271\122\124\162\173\226\045\314\274\151\343\110\156\015\320
\307\235\047\232\252\370\023\222\335\036\337\143\237\065\251\026
\066\354\214\270\203\364\075\211\217\315\264\027\136\327\263\027
\101\020\135\047\163\140\205\127\111\042\007
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "certSIGN Root CA G2"
```

```
# Issuer: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
```

```
# Serial Number:11:00:34:b6:4e:c6:36:2d:36
```

```
# Subject: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
```

```
# Not Valid Before: Mon Feb 06 09:27:35 2017
```

```
# Not Valid After : Thu Feb 06 09:27:35 2042
```

```
# Fingerprint (SHA-256):
```

```
65:7C:FE:2F:A7:3F:AA:38:46:25:71:F3:32:A2:36:3A:46:FC:E7:02:09:51:71:07:02:CD:FB:B6:EE:DA:33:05
```

```
# Fingerprint (SHA1): 26:F9:93:B4:ED:3D:28:27:B0:B9:4B:A7:E9:15:1D:A3:8D:92:E5:32
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "certSIGN Root CA G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\046\371\223\264\355\075\050\047\260\271\113\247\351\025\035\243
\215\222\345\062
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\214\361\165\212\306\031\317\224\267\367\145\040\207\303\227\307
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\101\061\013\060\011\006\003\125\004\006\023\002\122\117\061
```

```
\024\060\022\006\003\125\004\012\023\013\103\105\122\124\123\111
\107\116\040\123\101\061\034\060\032\006\003\125\004\013\023\023
\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103\101
\040\107\062
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\011\021\000\064\266\116\306\066\055\066
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Trustwave Global Certification Authority"

#

Issuer: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US

Serial Number:05:f7:0e:86:da:49:f3:46:35:2e:ba:b2

Subject: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US

Not Valid Before: Wed Aug 23 19:34:12 2017

Not Valid After : Sat Aug 23 19:34:12 2042

Fingerprint (SHA-256):

```
97:55:20:15:F5:DD:FC:3C:87:88:C0:06:94:45:55:40:88:94:45:00:84:F1:00:86:70:86:BC:1A:2B:B5:8D:C8
```

Fingerprint (SHA1): 2F:8F:36:4F:E1:58:97:44:21:59:87:A5:2A:9A:D0:69:95:26:7F:B5

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Trustwave Global Certification Authority"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
```

\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\014\005\367\016\206\332\111\363\106\065\056\272\262

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\332\060\202\003\302\240\003\002\001\002\002\014\005
\367\016\206\332\111\363\106\065\056\272\262\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\060\201\210\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\021\060\017\006\003
\125\004\010\014\010\111\154\154\151\156\157\151\163\061\020\060
\016\006\003\125\004\007\014\007\103\150\151\143\141\147\157\061
\041\060\037\006\003\125\004\012\014\030\124\162\165\163\164\167
\141\166\145\040\110\157\154\144\151\156\147\163\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\003\014\050\124\162\165
\163\164\167\141\166\145\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171\060\036\027\015\061\067\060\070\062\063\061
\071\063\064\061\062\132\027\015\064\062\060\070\062\063\061\071
\063\064\061\062\132\060\201\210\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\021\060\017\006\003\125\004\010\014\010
\111\154\154\151\156\157\151\163\061\020\060\016\006\003\125\004
\007\014\007\103\150\151\143\141\147\157\061\041\060\037\006\003
\125\004\012\014\030\124\162\165\163\164\167\141\166\145\040\110
\157\154\144\151\156\147\163\054\040\111\156\143\056\061\061\060
\057\006\003\125\004\003\014\050\124\162\165\163\164\167\141\166
\145\040\107\154\157\142\141\154\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\271\135\121\050\113\074\067\222\321\202\316\275\035\275\315
\335\270\253\317\012\076\341\135\345\334\252\011\271\127\002\076
\346\143\141\337\362\017\202\143\256\243\367\254\163\321\174\347
\263\013\257\010\000\011\131\177\315\051\052\210\223\207\027\030
\200\355\210\262\264\266\020\037\055\326\137\125\242\023\135\321
\306\353\006\126\211\210\376\254\062\235\375\134\303\005\307\156
\356\206\211\272\210\003\235\162\041\206\220\256\217\003\245\334
\237\210\050\313\243\222\111\017\354\320\017\342\155\104\117\200
\152\262\324\347\240\012\123\001\272\216\227\221\166\156\274\374
\325\153\066\346\100\210\326\173\057\137\005\350\054\155\021\363
\347\262\276\222\104\114\322\227\244\376\322\162\201\103\007\234
\351\021\076\365\213\032\131\175\037\150\130\335\004\000\054\226
\363\103\263\176\230\031\164\331\234\163\331\030\276\101\307\064

\171\331\364\142\302\103\271\263\047\260\042\313\371\075\122\307
\060\107\263\311\076\270\152\342\347\350\201\160\136\102\213\117
\046\245\376\072\302\040\156\273\370\026\216\315\014\251\264\033
\154\166\020\341\130\171\106\076\124\316\200\250\127\011\067\051
\033\231\023\217\014\310\326\054\034\373\005\350\010\225\075\145
\106\334\356\315\151\342\115\217\207\050\116\064\013\076\317\024
\331\273\335\266\120\232\255\167\324\031\326\332\032\210\310\116
\033\047\165\330\262\010\361\256\203\060\271\021\016\315\207\360
\204\215\025\162\174\241\357\314\362\210\141\272\364\151\273\014
\214\013\165\127\004\270\116\052\024\056\075\017\034\036\062\246
\142\066\356\146\342\042\270\005\100\143\020\042\363\063\035\164
\162\212\054\365\071\051\240\323\347\033\200\204\055\305\075\343
\115\261\375\032\157\272\145\007\073\130\354\102\105\046\373\330
\332\045\162\304\366\000\261\042\171\275\343\174\131\142\112\234
\005\157\075\316\346\326\107\143\231\306\044\157\162\022\310\254
\177\220\264\013\221\160\350\267\346\026\020\161\027\316\336\006
\117\110\101\175\065\112\243\211\362\311\113\173\101\021\155\147
\267\010\230\114\345\021\031\256\102\200\334\373\220\005\324\370
\120\312\276\344\255\307\302\224\327\026\235\346\027\217\257\066
\373\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125
\035\016\004\026\004\024\231\340\031\147\015\142\333\166\263\332
\075\270\133\350\375\102\322\061\016\207\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\230\163
\160\342\260\323\355\071\354\114\140\331\251\022\206\027\036\226
\320\350\124\050\073\144\055\041\246\370\235\126\023\152\110\075
\117\307\076\051\333\155\130\203\124\075\207\175\043\005\324\344
\034\334\350\070\145\206\305\165\247\132\333\065\005\275\167\336
\273\051\067\100\005\007\303\224\122\237\312\144\335\361\033\053
\334\106\012\020\002\061\375\112\150\015\007\144\220\346\036\365
\052\241\250\273\074\135\371\243\010\013\021\014\361\077\055\020
\224\157\376\342\064\207\203\326\317\345\033\065\155\322\003\341
\260\015\250\240\252\106\047\202\066\247\025\266\010\246\102\124
\127\266\231\132\342\013\171\220\327\127\022\121\065\031\210\101
\150\045\324\067\027\204\025\373\001\162\334\225\336\122\046\040
\230\046\342\166\365\047\157\372\000\073\112\141\331\015\313\121
\223\052\375\026\006\226\247\043\232\043\110\376\121\275\266\304
\260\261\124\316\336\154\101\255\026\147\176\333\375\070\315\271
\070\116\262\301\140\313\235\027\337\130\236\172\142\262\046\217
\164\225\233\344\133\035\322\017\335\230\034\233\131\271\043\323
\061\240\246\377\070\335\317\040\117\351\130\126\072\147\303\321
\366\231\231\235\272\066\266\200\057\210\107\117\206\277\104\072
\200\344\067\034\246\272\352\227\230\021\320\204\142\107\144\036
\252\356\100\277\064\261\234\217\116\341\362\222\117\037\216\363
\236\227\336\363\246\171\152\211\161\117\113\047\027\110\376\354
\364\120\017\117\111\175\314\105\343\275\172\100\305\101\334\141
\126\047\006\151\345\162\101\201\323\266\001\211\240\057\072\162

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\171\376\072\060\277\101\354\307\142\076\221\113\307\331\061\166
\102\371\367\074\143\354\046\214\163\014\175\032\035\352\250\174
\207\250\302\047\174\341\063\101\017\317\317\374\000\240\042\200
\236\112\247\157\000\260\101\105\267\042\312\150\110\305\102\242
\256\335\035\362\340\156\116\005\130\261\300\220\026\052\244\075
\020\100\276\217\142\143\203\251\234\202\175\055\002\351\203\060
\174\313\047\311\375\036\146\000\260\056\323\041\057\216\063\026
\154\230\355\020\250\007\326\314\223\317\333\321\151\034\344\312
\311\340\266\234\351\316\161\161\336\154\077\026\244\171
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Trustwave Global Certification Authority"

Issuer: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US

Serial Number:05:f7:0e:86:da:49:f3:46:35:2e:ba:b2

Subject: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US

Not Valid Before: Wed Aug 23 19:34:12 2017

Not Valid After : Sat Aug 23 19:34:12 2042

Fingerprint (SHA-256):

97:55:20:15:F5:DD:FC:3C:87:88:C0:06:94:45:55:40:88:94:45:00:84:F1:00:86:70:86:BC:1A:2B:B5:8D:C8

Fingerprint (SHA1): 2F:8F:36:4F:E1:58:97:44:21:59:87:A5:2A:9A:D0:69:95:26:7F:B5

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Trustwave Global Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

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\057\217\066\117\341\130\227\104\041\131\207\245\052\232\320\151
\225\046\177\265
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END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

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\370\034\030\055\057\272\137\155\241\154\274\307\253\221\307\016
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END

CKA_ISSUER MULTILINE_OCTAL

```
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
```

END

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CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\005\367\016\206\332\111\363\106\065\056\272\262
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Trustwave Global ECC P256 Certification Authority"
#
# Issuer: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:0d:6a:5f:08:3f:28:5c:3e:51:95:df:5d
# Subject: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:35:10 2017
# Not Valid After : Sat Aug 23 19:35:10 2042
# Fingerprint (SHA-256):
94:5B:BC:82:5E:A5:54:F4:89:D1:FD:51:A7:3D:DF:2E:A6:24:AC:70:19:A0:52:05:22:5C:22:A7:8C:CF:A8:B4
# Fingerprint (SHA1): B4:90:82:DD:45:0C:BE:8B:5B:B1:66:D3:E2:A4:08:26:CD:ED:42:CF
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P256 Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157

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\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\014\015\152\137\010\077\050\134\076\121\225\337\135

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\140\060\202\002\007\240\003\002\001\002\002\014\015
\152\137\010\077\050\134\076\121\225\337\135\060\012\006\010\052
\206\110\316\075\004\003\002\060\201\221\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\021\060\017\006\003\125\004\010
\023\010\111\154\154\151\156\157\151\163\061\020\060\016\006\003
\125\004\007\023\007\103\150\151\143\141\147\157\061\041\060\037
\006\003\125\004\012\023\030\124\162\165\163\164\167\141\166\145
\040\110\157\154\144\151\156\147\163\054\040\111\156\143\056\061
\072\060\070\006\003\125\004\003\023\061\124\162\165\163\164\167
\141\166\145\040\107\154\157\142\141\154\040\105\103\103\040\120
\062\065\066\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061
\067\060\070\062\063\061\071\063\065\061\060\132\027\015\064\062
\060\070\062\063\061\071\063\065\061\060\132\060\201\221\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\021\060\017\006
\003\125\004\010\023\010\111\154\154\151\156\157\151\163\061\020
\060\016\006\003\125\004\007\023\007\103\150\151\143\141\147\157
\061\041\060\037\006\003\125\004\012\023\030\124\162\165\163\164
\167\141\166\145\040\110\157\154\144\151\156\147\163\054\040\111
\156\143\056\061\072\060\070\006\003\125\004\003\023\061\124\162
\165\163\164\167\141\166\145\040\107\154\157\142\141\154\040\105
\103\103\040\120\062\065\066\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060
\131\060\023\006\007\052\206\110\316\075\002\001\006\010\052\206
\110\316\075\003\001\007\003\102\000\004\176\373\154\346\043\343
\163\062\010\312\140\346\123\234\272\164\215\030\260\170\220\122
\200\335\070\300\112\035\321\250\314\223\244\227\006\070\312\015
\025\142\306\216\001\052\145\235\252\337\064\221\056\201\301\344
\063\222\061\304\375\011\072\246\077\255\243\103\060\101\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\017\006\003\125\035\017\001\001\377\004\005\003\003\007\006\000
\060\035\006\003\125\035\016\004\026\004\024\243\101\006\254\220
\155\321\112\353\165\245\112\020\231\263\261\241\213\112\367\060
\012\006\010\052\206\110\316\075\004\003\002\003\107\000\060\104
\002\040\007\346\124\332\016\240\132\262\256\021\237\207\305\266
\377\151\336\045\276\370\240\267\010\363\104\316\052\337\010\041
\014\067\002\040\055\046\003\240\005\275\153\321\366\134\370\145
\314\206\155\263\234\064\110\143\204\011\305\215\167\032\342\314
\234\341\164\173

END


```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Trustwave Global ECC P256 Certification Authority"
# Issuer: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:0d:6a:5f:08:3f:28:5c:3e:51:95:df:5d
# Subject: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:35:10 2017
# Not Valid After : Sat Aug 23 19:35:10 2042
# Fingerprint (SHA-256):
94:5B:BC:82:5E:A5:54:F4:89:D1:FD:51:A7:3D:DF:2E:A6:24:AC:70:19:A0:52:05:22:5C:22:A7:8C:CF:A8:B4
# Fingerprint (SHA1): B4:90:82:DD:45:0C:BE:8B:5B:B1:66:D3:E2:A4:08:26:CD:ED:42:CF
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P256 Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\264\220\202\335\105\014\276\213\133\261\146\323\342\244\010\046
\315\355\102\317
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\133\104\343\215\135\066\206\046\350\015\005\322\131\247\203\124
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\015\152\137\010\077\050\134\076\121\225\337\135
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
```

```

# Certificate "Trustwave Global ECC P384 Certification Authority"
#
# Issuer: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:08:bd:85:97:6c:99:27:a4:80:68:47:3b
# Subject: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:36:43 2017
# Not Valid After : Sat Aug 23 19:36:43 2042
# Fingerprint (SHA-256):
55:90:38:59:C8:C0:C3:EB:B8:75:9E:CE:4E:25:57:22:5F:F5:75:8B:BD:38:EB:D4:82:76:60:1E:1B:D5:80:97
# Fingerprint (SHA1): E7:F3:A3:C8:CF:6F:C3:04:2E:6D:0E:67:32:C5:9E:68:95:0D:5E:D2
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P384 Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\010\275\205\227\154\231\047\244\200\150\107\073
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\235\060\202\002\044\240\003\002\001\002\002\014\010

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\275\205\227\154\231\047\244\200\150\107\073\060\012\006\010\052
\206\110\316\075\004\003\003\060\201\221\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\021\060\017\006\003\125\004\010
\023\010\111\154\154\151\156\157\151\163\061\020\060\016\006\003
\125\004\007\023\007\103\150\151\143\141\147\157\061\041\060\037
\006\003\125\004\012\023\030\124\162\165\163\164\167\141\166\145
\040\110\157\154\144\151\156\147\163\054\040\111\156\143\056\061
\072\060\070\006\003\125\004\003\023\061\124\162\165\163\164\167
\141\166\145\040\107\154\157\142\141\154\040\105\103\103\040\120
\063\070\064\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061
\067\060\070\062\063\061\071\063\066\064\063\132\027\015\064\062
\060\070\062\063\061\071\063\066\064\063\132\060\201\221\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\021\060\017\006
\003\125\004\010\023\010\111\154\154\151\156\157\151\163\061\020
\060\016\006\003\125\004\007\023\007\103\150\151\143\141\147\157
\061\041\060\037\006\003\125\004\012\023\030\124\162\165\163\164
\167\141\166\145\040\110\157\154\144\151\156\147\163\054\040\111
\156\143\056\061\072\060\070\006\003\125\004\003\023\061\124\162
\165\163\164\167\141\166\145\040\107\154\157\142\141\154\040\105
\103\103\040\120\063\070\064\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201
\004\000\042\003\142\000\004\153\332\015\165\065\010\061\107\005
\256\105\231\125\361\021\023\056\112\370\020\061\043\243\176\203
\323\177\050\010\072\046\032\072\317\227\202\037\200\267\047\011
\217\321\216\060\304\012\233\016\254\130\004\253\367\066\175\224
\043\244\233\012\212\213\253\353\375\071\045\146\361\136\376\214
\256\215\101\171\235\011\140\316\050\251\323\212\155\363\326\105
\324\362\230\204\070\145\240\243\103\060\101\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\017\006\003
\125\035\017\001\001\377\004\005\003\003\007\006\000\060\035\006
\003\125\035\016\004\026\004\024\125\251\204\211\322\301\062\275
\030\313\154\246\007\116\310\347\235\276\202\220\060\012\006\010
\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060\067
\001\222\227\105\022\176\240\363\076\255\031\072\162\335\364\120
\223\003\022\276\104\322\117\101\244\214\234\235\037\243\366\302
\222\347\110\024\376\116\233\245\221\127\256\306\067\162\273\002
\060\147\045\012\261\014\136\356\251\143\222\157\345\220\013\376
\146\042\312\107\375\212\061\367\203\376\172\277\020\276\030\053
\036\217\366\051\036\224\131\357\216\041\067\313\121\230\245\156
\113
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Trustwave Global ECC P384 Certification Authority"

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# Issuer: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:08:bd:85:97:6c:99:27:a4:80:68:47:3b
# Subject: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:36:43 2017
# Not Valid After : Sat Aug 23 19:36:43 2042
# Fingerprint (SHA-256):
55:90:38:59:C8:C0:C3:EB:B8:75:9E:CE:4E:25:57:22:5F:F5:75:8B:BD:38:EB:D4:82:76:60:1E:1B:D5:80:97
# Fingerprint (SHA1): E7:F3:A3:C8:CF:6F:C3:04:2E:6D:0E:67:32:C5:9E:68:95:0D:5E:D2
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P384 Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\347\363\243\310\317\157\303\004\056\155\016\147\062\305\236\150
\225\015\136\322
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\352\317\140\304\073\271\025\051\100\241\227\355\170\047\223\326
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\010\275\205\227\154\231\047\244\200\150\107\073
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "NAVER Global Root Certification Authority"
#
# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# Serial Number:01:94:30:1e:a2:0b:dd:f5:c5:33:2a:b1:43:44:71:f8:d6:50:4d:0d
# Subject: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR

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# Not Valid Before: Fri Aug 18 08:58:42 2017
# Not Valid After : Tue Aug 18 23:59:59 2037
# Fingerprint (SHA-256):
88:F4:38:DC:F8:FF:D1:FA:8F:42:91:15:FF:E5:F8:2A:E1:E0:6E:0C:70:C3:75:FA:AD:71:7B:34:A4:9E:72:65
# Fingerprint (SHA1): 8F:6B:F2:A9:27:4A:DA:14:A0:C4:F4:8E:61:27:F9:C0:1E:78:5D:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NAVER Global Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\001\224\060\036\242\013\335\365\305\063\052\261\103\104
\161\370\326\120\115\015
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\242\060\202\003\212\240\003\002\001\002\002\024\001
\224\060\036\242\013\335\365\305\063\052\261\103\104\161\370\326
\120\115\015\060\015\006\011\052\206\110\206\367\015\001\001\014
\005\000\060\151\061\013\060\011\006\003\125\004\006\023\002\113
\122\061\046\060\044\006\003\125\004\012\014\035\116\101\126\105
\122\040\102\125\123\111\116\105\123\123\040\120\114\101\124\106
\117\122\115\040\103\157\162\160\056\061\062\060\060\006\003\125
\004\003\014\051\116\101\126\105\122\040\107\154\157\142\141\154
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036\027
\015\061\067\060\070\061\070\060\070\065\070\064\062\132\027\015
\063\067\060\070\061\070\062\063\065\071\065\071\132\060\151\061
\013\060\011\006\003\125\004\006\023\002\113\122\061\046\060\044
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\006\003\125\004\012\014\035\116\101\126\105\122\040\102\125\123
\111\116\105\123\123\040\120\114\101\124\106\117\122\115\040\103
\157\162\160\056\061\062\060\060\006\003\125\004\003\014\051\116
\101\126\105\122\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\060\202\002\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000
\060\202\002\012\002\202\002\001\000\266\324\361\223\134\265\100
\211\012\253\015\220\133\120\143\256\220\224\164\027\105\162\326
\173\145\132\051\113\247\126\240\113\270\057\102\165\351\331\173
\044\132\061\145\253\027\027\321\063\072\331\021\334\100\066\207
\337\307\152\351\046\136\131\212\167\343\350\110\234\061\026\372
\076\221\261\312\311\243\342\237\316\041\123\243\002\066\060\313
\122\002\345\332\062\135\303\305\346\371\356\021\307\213\311\104
\036\204\223\030\112\264\237\345\022\144\151\320\046\205\142\001
\266\311\002\035\276\203\121\273\134\332\370\255\025\152\231\367
\222\124\367\064\133\351\277\352\051\201\022\324\123\221\226\263
\221\132\335\376\220\163\050\373\060\106\265\312\010\007\307\161
\162\311\146\323\064\227\366\214\364\030\112\341\320\075\132\105
\266\151\247\051\373\043\316\210\330\022\234\000\110\250\246\017
\263\073\222\215\161\016\164\305\213\310\114\371\364\233\216\270
\074\151\355\157\073\120\057\130\355\304\260\320\034\033\152\014
\342\274\104\252\330\315\024\135\224\170\141\277\016\156\332\052
\274\057\014\013\161\246\263\026\077\234\346\371\314\237\123\065
\342\003\240\240\030\277\273\361\276\364\326\214\207\015\102\367
\006\271\361\155\355\004\224\250\376\266\323\006\306\100\141\337
\235\235\363\124\166\316\123\072\001\246\222\101\354\004\243\217
\015\242\325\011\312\326\313\232\361\357\103\135\300\253\245\101
\317\134\123\160\160\311\210\246\055\324\153\141\163\120\046\206
\141\016\137\033\302\053\342\214\325\273\235\301\003\102\272\224
\332\137\251\260\312\314\115\012\357\107\151\003\057\042\373\361
\050\316\277\135\120\145\250\220\155\263\164\260\010\307\254\250
\321\353\076\234\374\135\032\203\056\053\313\265\363\104\235\072
\247\027\141\226\242\161\323\160\226\025\115\267\114\163\356\031
\134\305\133\076\101\376\254\165\140\073\033\143\316\000\335\332
\010\220\142\264\345\055\356\110\247\153\027\231\124\276\207\112
\343\251\136\004\114\353\020\155\124\326\357\361\350\362\142\026
\313\200\153\355\075\355\365\037\060\245\256\113\311\023\355\212
\001\001\311\270\121\130\300\146\072\261\146\113\304\325\061\002
\142\351\164\204\014\333\115\106\055\002\003\001\000\001\243\102
\060\100\060\035\006\003\125\035\016\004\026\004\024\322\237\210
\337\241\315\054\275\354\365\073\001\001\223\063\047\262\353\140
\113\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\015\006\011\052\206\110\206\367\015\001\001\014\005
\000\003\202\002\001\000\062\312\200\263\235\075\124\006\335\322
\322\056\360\244\001\041\013\147\110\312\155\216\340\310\252\015
\252\215\041\127\217\306\076\172\312\333\121\324\122\263\324\226

\204\245\130\140\177\345\013\216\037\365\334\012\025\201\345\073
\266\267\042\057\011\234\023\026\261\154\014\065\010\155\253\143
\162\355\334\276\354\307\127\346\060\040\161\326\327\020\301\023
\125\001\214\052\103\344\101\361\317\072\172\123\222\316\242\003
\005\015\070\337\002\273\020\056\331\073\322\233\172\300\241\246
\370\265\061\346\364\165\311\271\123\231\165\107\042\132\024\025
\307\170\033\266\235\351\014\370\033\166\361\205\204\336\241\332
\022\357\244\342\020\227\172\170\336\014\121\227\250\041\100\213
\206\275\015\360\136\116\113\066\273\073\040\037\212\102\126\341
\013\032\277\173\320\042\103\054\104\214\373\345\052\264\154\034
\034\272\224\340\023\176\041\346\232\302\313\305\102\144\264\036
\224\173\010\045\310\161\314\207\105\127\205\323\237\051\142\042
\203\121\227\000\030\227\167\152\230\222\311\174\140\154\337\154
\175\112\344\160\114\302\236\270\035\367\320\064\307\017\314\373
\247\377\003\276\255\160\220\332\013\335\310\155\227\137\232\177
\011\062\101\375\315\242\314\132\155\114\362\252\111\376\146\370
\351\330\065\353\016\050\036\356\110\057\072\320\171\011\070\174
\246\042\202\223\225\320\003\276\276\002\240\005\335\040\042\343
\157\035\210\064\140\306\346\012\271\011\165\013\360\007\350\151
\226\065\307\373\043\201\216\070\071\270\105\053\103\170\242\321
\054\024\377\015\050\162\162\225\233\136\011\333\211\104\230\252
\241\111\273\161\122\362\277\366\377\047\241\066\257\270\266\167
\210\335\072\244\155\233\064\220\334\024\135\060\277\267\353\027
\344\207\267\161\320\241\327\167\025\324\102\327\362\363\061\231
\135\233\335\026\155\077\352\006\043\370\106\242\042\355\223\366
\335\232\346\052\207\261\230\124\361\042\367\153\105\343\342\216
\166\035\232\215\304\006\215\066\267\024\363\235\124\151\267\216
\074\325\244\155\223\201\267\255\366\275\144\173\302\311\150\071
\240\222\234\315\064\206\221\220\372\144\121\235\376\376\353\245
\365\165\336\211\367\162

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "NAVER Global Root Certification Authority"
Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
Serial Number:01:94:30:1e:a2:0b:dd:f5:c5:33:2a:b1:43:44:71:f8:d6:50:4d:0d
Subject: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
Not Valid Before: Fri Aug 18 08:58:42 2017
Not Valid After : Tue Aug 18 23:59:59 2037
Fingerprint (SHA-256):
88:F4:38:DC:F8:FF:D1:FA:8F:42:91:15:FF:E5:F8:2A:E1:E0:6E:0C:70:C3:75:FA:AD:71:7B:34:A4:9E:72:65
Fingerprint (SHA1): 8F:6B:F2:A9:27:4A:DA:14:A0:C4:F4:8E:61:27:F9:C0:1E:78:5D:D1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

CKA_LABEL UTF8 "NAVER Global Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\217\153\362\251\047\112\332\024\240\304\364\216\141\047\371\300
\036\170\135\321
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\310\176\101\366\045\073\365\011\263\027\350\106\075\277\320\233
END
CKA_ISSUER MULTILINE_OCTAL
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\001\224\060\036\242\013\335\365\305\063\052\261\103\104
\161\370\326\120\115\015
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
#
# Issuer: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Serial Number:62:f6:32:6c:e5:c4:e3:68:5c:1b:62:dd:9c:2e:9d:95
# Subject: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Not Valid Before: Thu Dec 20 09:37:33 2018
# Not Valid After : Sun Dec 20 09:37:33 2043
# Fingerprint (SHA-256):
55:41:53:B1:3D:2C:F9:DD:B7:53:BF:BE:1A:4E:0A:E0:8D:0A:A4:18:70:58:FE:60:A2:B8:62:B2:E4:B8:7B:CB
# Fingerprint (SHA1): 62:FF:D9:9E:C0:65:0D:03:CE:75:93:D2:ED:3F:2D:32:C9:E3:E5:4A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\170\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122

```


\103\115\061\016\060\014\006\003\125\004\013\014\005\103\145\162
\145\163\061\030\060\026\006\003\125\004\141\014\017\126\101\124
\105\123\055\121\062\070\062\066\060\060\064\112\061\054\060\052
\006\003\125\004\003\014\043\101\103\040\122\101\111\132\040\106
\116\115\124\055\122\103\115\040\123\105\122\126\111\104\117\122
\105\123\040\123\105\107\125\122\117\123

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\170\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\016\060\014\006\003\125\004\013\014\005\103\145\162
\145\163\061\030\060\026\006\003\125\004\141\014\017\126\101\124
\105\123\055\121\062\070\062\066\060\060\064\112\061\054\060\052
\006\003\125\004\003\014\043\101\103\040\122\101\111\132\040\106
\116\115\124\055\122\103\115\040\123\105\122\126\111\104\117\122
\105\123\040\123\105\107\125\122\117\123

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\142\366\062\154\345\304\343\150\134\033\142\335\234\056
\235\225

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\156\060\202\001\363\240\003\002\001\002\002\020\142
\366\062\154\345\304\343\150\134\033\142\335\234\056\235\225\060
\012\006\010\052\206\110\316\075\004\003\003\060\170\061\013\060
\011\006\003\125\004\006\023\002\105\123\061\021\060\017\006\003
\125\004\012\014\010\106\116\115\124\055\122\103\115\061\016\060
\014\006\003\125\004\013\014\005\103\145\162\145\163\061\030\060
\026\006\003\125\004\141\014\017\126\101\124\105\123\055\121\062
\070\062\066\060\060\064\112\061\054\060\052\006\003\125\004\003
\014\043\101\103\040\122\101\111\132\040\106\116\115\124\055\122
\103\115\040\123\105\122\126\111\104\117\122\105\123\040\123\105
\107\125\122\117\123\060\036\027\015\061\070\061\062\062\060\060
\071\063\067\063\063\132\027\015\064\063\061\062\062\060\060\071
\063\067\063\063\132\060\170\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\021\060\017\006\003\125\004\012\014\010\106
\116\115\124\055\122\103\115\061\016\060\014\006\003\125\004\013
\014\005\103\145\162\145\163\061\030\060\026\006\003\125\004\141
\014\017\126\101\124\105\123\055\121\062\070\062\066\060\060\064
\112\061\054\060\052\006\003\125\004\003\014\043\101\103\040\122
\101\111\132\040\106\116\115\124\055\122\103\115\040\123\105\122
\126\111\104\117\122\105\123\040\123\105\107\125\122\117\123\060
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201
\004\000\042\003\142\000\004\366\272\127\123\310\312\253\337\066
\112\122\041\344\227\322\203\147\236\360\145\121\320\136\207\307
\107\261\131\362\127\107\233\000\002\223\104\027\151\333\102\307
\261\262\072\030\016\264\135\214\263\146\135\241\064\371\066\054

\111\333\363\106\374\263\104\151\104\023\146\375\327\305\375\257
\066\115\316\003\115\007\161\317\257\152\005\322\242\103\132\012
\122\157\001\003\116\216\213\243\102\060\100\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003
\125\035\016\004\026\004\024\001\271\057\357\277\021\206\140\362
\117\320\101\156\253\163\037\347\322\156\111\060\012\006\010\052
\206\110\316\075\004\003\003\003\151\000\060\146\002\061\000\256
\112\343\053\100\303\164\021\362\225\255\026\043\336\116\014\032
\346\135\245\044\136\153\104\173\374\070\342\117\313\234\105\027
\021\114\024\047\046\125\071\165\112\003\314\023\220\237\222\002
\061\000\372\112\154\140\210\163\363\356\270\230\142\251\316\053
\302\331\212\246\160\061\035\257\260\224\114\353\117\306\343\321
\363\142\247\074\377\223\056\007\134\111\001\147\151\022\002\162
\277\347

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"

Issuer: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES

Serial Number:62:f6:32:6c:e5:c4:e3:68:5c:1b:62:dd:9c:2e:9d:95

Subject: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES

Not Valid Before: Thu Dec 20 09:37:33 2018

Not Valid After : Sun Dec 20 09:37:33 2043

Fingerprint (SHA-256):

55:41:53:B1:3D:2C:F9:DD:B7:53:BF:BE:1A:4E:0A:E0:8D:0A:A4:18:70:58:FE:60:A2:B8:62:B2:E4:B8:7B:CB

Fingerprint (SHA1): 62:FF:D9:9E:C0:65:0D:03:CE:75:93:D2:ED:3F:2D:32:C9:E3:E5:4A

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\142\377\331\236\300\145\015\003\316\165\223\322\355\077\055\062
\311\343\345\112

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\031\066\234\122\003\057\322\321\273\043\314\335\036\022\125\273

END

CKA_ISSUER MULTILINE_OCTAL

\060\170\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\016\060\014\006\003\125\004\013\014\005\103\145\162
\145\163\061\030\060\026\006\003\125\004\141\014\017\126\101\124

```
\105\123\055\121\062\070\062\066\060\060\064\112\061\054\060\052
\006\003\125\004\003\014\043\101\103\040\122\101\111\132\040\106
\116\115\124\055\122\103\115\040\123\105\122\126\111\104\117\122
\105\123\040\123\105\107\125\122\117\123
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\142\366\062\154\345\304\343\150\134\033\142\335\234\056
\235\225
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "GlobalSign Secure Mail Root R45"

#

Issuer: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE

Serial Number:76:53:fe:a8:4c:50:ab:9f:8d:32:b5:1d:03:8f:57:dc

Subject: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE

Not Valid Before: Wed Mar 18 00:00:00 2020

Not Valid After : Sat Mar 18 00:00:00 2045

Fingerprint (SHA-256):

31:9A:F0:A7:72:9E:6F:89:26:9C:13:1E:A6:A3:A1:6F:CD:86:38:9F:DC:AB:3C:47:A4:A6:75:C1:61:A3:F9:74

Fingerprint (SHA1): 76:18:D1:F3:80:24:3D:52:40:C6:11:6A:AD:57:77:09:7D:81:30:A0

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GlobalSign Secure Mail Root R45"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\122\064\065
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\122\064\065
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\166\123\376\250\114\120\253\237\215\062\265\035\003\217
\127\334

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\160\060\202\003\130\240\003\002\001\002\002\020\166
\123\376\250\114\120\253\237\215\062\265\035\003\217\127\334\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\122
\061\013\060\011\006\003\125\004\006\023\002\102\105\061\031\060
\027\006\003\125\004\012\023\020\107\154\157\142\141\154\123\151
\147\156\040\156\166\055\163\141\061\050\060\046\006\003\125\004
\003\023\037\107\154\157\142\141\154\123\151\147\156\040\123\145
\143\165\162\145\040\115\141\151\154\040\122\157\157\164\040\122
\064\065\060\036\027\015\062\060\060\063\061\070\060\060\060\060
\060\060\132\027\015\064\065\060\063\061\070\060\060\060\060\060
\060\132\060\122\061\013\060\011\006\003\125\004\006\023\002\102
\105\061\031\060\027\006\003\125\004\012\023\020\107\154\157\142
\141\154\123\151\147\156\040\156\166\055\163\141\061\050\060\046
\006\003\125\004\003\023\037\107\154\157\142\141\154\123\151\147
\156\040\123\145\143\165\162\145\040\115\141\151\154\040\122\157
\157\164\040\122\064\065\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\334\171\314\155\006\371\155\273\340
\126\004\154\177\340\165\314\055\005\111\350\113\334\124\354\133
\167\225\162\277\177\142\235\205\251\212\044\120\137\123\345\333
\164\157\244\051\133\023\052\011\255\232\305\057\302\367\166\073
\241\105\106\252\103\346\044\376\053\260\157\062\160\031\106\132
\171\046\057\374\075\175\137\144\313\127\314\141\141\250\331\225
\156\343\225\240\156\177\107\022\030\326\357\003\311\373\212\372
\232\275\202\025\251\125\167\113\021\117\131\340\153\303\161\363
\014\330\124\325\201\150\076\023\271\025\056\207\212\074\104\047
\066\142\044\156\370\054\005\162\060\141\275\102\221\043\304\235
\045\247\331\124\232\024\243\061\255\200\171\014\247\143\154\230
\243\254\127\107\063\037\145\226\341\320\322\065\332\371\161\367
\241\246\045\265\101\135\337\076\140\330\321\366\237\245\362\270
\314\023\252\217\371\262\156\341\203\055\223\335\076\205\032\335
\350\261\134\046\001\313\111\205\374\374\322\324\177\205\142\206
\164\371\313\354\065\042\242\014\060\217\073\253\171\353\126\362
\372\102\363\355\371\037\105\211\100\051\255\352\222\164\352\122
\375\126\264\053\332\242\355\165\302\156\253\316\122\220\113\366
\336\360\111\217\232\110\324\210\031\155\105\346\314\214\271\335
\144\140\140\002\100\370\271\317\274\130\353\075\205\271\306\012
\323\234\007\146\217\307\030\071\043\106\341\074\036\243\057\120
\141\222\013\075\053\154\361\243\107\070\127\221\253\015\217\306
\235\115\004\322\046\122\134\345\245\375\052\055\026\052\001\151
\347\251\175\341\066\267\261\052\305\331\261\215\275\271\213\316
\314\213\241\076\013\110\315\120\225\064\304\330\010\131\330\153
\046\364\276\365\324\042\027\000\127\311\256\233\004\060\063\237

\013\373\337\126\242\311\156\124\166\332\261\227\142\047\131\017
\021\212\042\033\144\226\077\250\361\267\044\112\215\074\123\174
\155\203\166\075\262\046\110\163\365\104\026\001\055\011\052\216
\026\226\120\320\163\006\135\273\042\110\202\114\012\106\132\077
\200\377\134\362\362\232\254\054\010\340\326\352\360\022\070\201
\117\246\020\355\106\253\314\026\234\013\317\144\246\231\002\205
\104\147\106\255\375\115\347\002\003\001\000\001\243\102\060\100
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\035\006\003\125\035\016\004\026\004\024\240\223\025\050
\156\356\217\010\262\065\306\236\142\171\164\247\261\016\053\173
\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\003
\202\002\001\000\105\012\370\321\134\254\142\201\320\004\327\266
\377\127\121\211\013\014\313\336\044\145\067\373\253\236\355\146
\364\352\014\031\151\211\270\031\261\060\126\264\331\366\367\276
\306\256\227\313\105\366\021\214\072\060\144\114\301\237\131\300
\106\102\010\006\107\144\027\170\340\225\007\006\326\214\242\254
\251\331\077\323\173\126\117\374\304\207\050\337\266\053\026\043
\300\237\037\133\343\326\104\136\042\117\043\004\214\065\026\265
\171\007\206\134\057\227\342\366\010\144\246\334\333\250\212\343
\244\173\167\015\321\051\223\050\040\264\123\243\113\116\137\336
\301\366\165\043\374\037\074\170\117\160\061\170\057\242\065\124
\161\004\254\310\304\155\303\366\221\261\376\315\356\104\156\201
\366\100\305\076\052\001\277\253\114\261\003\077\015\021\344\017
\322\044\343\042\210\233\237\137\107\075\121\111\340\011\067\176
\027\041\061\166\267\147\161\110\050\113\045\327\020\350\237\141
\131\026\305\076\062\116\037\014\316\243\314\017\344\307\021\007
\042\057\070\010\335\133\227\353\102\154\131\232\232\356\172\320
\235\337\305\333\011\103\056\012\252\031\075\153\350\152\060\172
\127\346\277\263\152\071\251\217\343\361\117\145\150\266\275\237
\050\217\241\026\132\011\120\072\062\056\035\057\104\021\102\246
\000\346\061\230\377\055\241\017\346\244\140\126\317\171\327\262
\116\327\260\372\156\014\127\043\307\316\037\245\261\114\155\031
\111\236\016\177\160\217\161\077\130\050\237\165\335\141\340\072
\267\071\266\356\227\324\065\121\373\213\111\140\310\074\146\256
\227\356\215\046\131\127\273\170\360\172\120\060\011\260\140\252
\237\116\334\311\076\036\072\334\142\223\063\260\072\124\164\157
\054\061\105\321\153\021\062\152\150\166\366\075\366\152\023\136
\044\230\347\352\035\232\317\170\202\007\140\367\115\020\323\201
\232\105\215\236\257\233\334\200\307\103\262\225\150\244\303\016
\350\012\107\025\277\124\063\334\001\347\325\246\036\163\330\172
\262\277\057\255\343\125\060\236\337\016\101\274\340\021\365\241
\014\250\042\341\343\000\243\116\160\174\222\343\004\321\172\102
\212\165\220\131\343\233\321\114\242\144\275\163\171\233\157\362
\263\301\366\074

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "GlobalSign Secure Mail Root R45"

Issuer: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE

Serial Number:76:53:fe:a8:4c:50:ab:9f:8d:32:b5:1d:03:8f:57:dc

Subject: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE

Not Valid Before: Wed Mar 18 00:00:00 2020

Not Valid After : Sat Mar 18 00:00:00 2045

Fingerprint (SHA-256):

31:9A:F0:A7:72:9E:6F:89:26:9C:13:1E:A6:A3:A1:6F:CD:86:38:9F:DC:AB:3C:47:A4:A6:75:C1:61:A3:F9:74

Fingerprint (SHA1): 76:18:D1:F3:80:24:3D:52:40:C6:11:6A:AD:57:77:09:7D:81:30:A0

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GlobalSign Secure Mail Root R45"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\166\030\321\363\200\044\075\122\100\306\021\152\255\127\167\011
\175\201\060\240

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\223\304\173\263\016\124\107\034\103\054\213\276\160\205\142\051

END

CKA_ISSUER MULTILINE_OCTAL

\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\122\064\065

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\166\123\376\250\114\120\253\237\215\062\265\035\003\217
\127\334

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "GlobalSign Secure Mail Root E45"

#

Issuer: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE

Serial Number:76:53:fe:aa:27:1d:95:46:5d:d6:f1:9e:e5:b8:90:0a

Subject: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE

Not Valid Before: Wed Mar 18 00:00:00 2020

Not Valid After : Sat Mar 18 00:00:00 2045

Fingerprint (SHA-256):

5C:BF:6F:B8:1F:D4:17:EA:41:28:CD:6F:81:72:A3:C9:40:20:94:F7:4A:B2:ED:3A:06:B4:40:5D:04:F3:0B:19

Fingerprint (SHA1): 18:2E:1F:32:4F:89:DF:BE:FE:88:89:F0:93:C2:C4:A0:2B:67:75:21

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Secure Mail Root E45"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\105\064\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\105\064\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\123\376\252\047\035\225\106\135\326\361\236\345\270
\220\012
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\041\060\202\001\247\240\003\002\001\002\002\020\166
\123\376\252\047\035\225\106\135\326\361\236\345\270\220\012\060
\012\006\010\052\206\110\316\075\004\003\003\060\122\061\013\060
\011\006\003\125\004\006\023\002\102\105\061\031\060\027\006\003
\125\004\012\023\020\107\154\157\142\141\154\123\151\147\156\040
\156\166\055\163\141\061\050\060\046\006\003\125\004\003\023\037
\107\154\157\142\141\154\123\151\147\156\040\123\145\143\165\162
\145\040\115\141\151\154\040\122\157\157\164\040\105\064\065\060
\036\027\015\062\060\060\063\061\070\060\060\060\060\060\060\132
\027\015\064\065\060\063\061\070\060\060\060\060\060\060\132\060
\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061\031
\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154\123
\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003\125
\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040\123
\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164\040
\105\064\065\060\166\060\020\006\007\052\206\110\316\075\002\001
\006\005\053\201\004\000\042\003\142\000\004\371\171\213\201\107
```

```
\067\211\226\077\105\111\120\177\032\046\013\223\062\176\056\300
\300\247\010\232\303\156\217\233\076\013\042\354\067\123\267\157
\212\260\274\047\067\113\155\251\106\073\331\037\377\245\241\104
\273\055\163\277\236\101\007\134\123\233\121\010\072\132\273\157
\070\307\026\221\170\302\112\023\151\035\202\337\132\057\000\210
\226\242\056\034\164\371\235\176\146\067\212\243\102\060\100\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\337\023\136\213\137
\302\100\002\375\126\267\224\114\266\036\325\246\261\024\226\060
\012\006\010\052\206\110\316\075\004\003\003\003\150\000\060\145
\002\060\023\260\276\327\161\040\076\344\253\234\316\066\022\175
\137\114\037\052\265\151\105\063\137\323\055\132\262\344\210\307
\336\012\066\102\062\171\235\246\153\272\341\371\104\052\173\212
\303\022\002\061\000\240\146\034\116\207\235\207\311\355\231\114
\033\012\356\055\140\303\067\307\035\315\265\162\260\331\306\357
\274\362\377\077\360\122\335\010\347\252\144\171\303\344\151\127
\221\057\244\313\174
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GlobalSign Secure Mail Root E45"
```

```
# Issuer: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
```

```
# Serial Number: 76:53:fe:aa:27:1d:95:46:5d:d6:f1:9e:e5:b8:90:0a
```

```
# Subject: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
```

```
# Not Valid Before: Wed Mar 18 00:00:00 2020
```

```
# Not Valid After : Sat Mar 18 00:00:00 2045
```

```
# Fingerprint (SHA-256):
```

```
5C:BF:6F:B8:1F:D4:17:EA:41:28:CD:6F:81:72:A3:C9:40:20:94:F7:4A:B2:ED:3A:06:B4:40:5D:04:F3:0B:19
```

```
# Fingerprint (SHA1): 18:2E:1F:32:4F:89:DF:BE:FE:88:89:F0:93:C2:C4:A0:2B:67:75:21
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign Secure Mail Root E45"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\030\056\037\062\117\211\337\276\376\210\211\360\223\302\304\240
\053\147\165\041
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\305\374\306\056\237\364\122\055\052\250\244\272\373\147\062\377
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
```



```
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040  
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164  
\040\105\064\065
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\166\123\376\252\047\035\225\106\135\326\361\236\345\270  
\220\012
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST  
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR  
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST  
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

Certificate "GlobalSign Root R46"

#

Issuer: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE

Serial Number:11:d2:bb:b9:d7:23:18:9e:40:5f:0a:9d:2d:d0:df:25:67:d1

Subject: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE

Not Valid Before: Wed Mar 20 00:00:00 2019

Not Valid After : Tue Mar 20 00:00:00 2046

Fingerprint (SHA-256):

4F:A3:12:6D:8D:3A:11:D1:C4:85:5A:4F:80:7C:BA:D6:CF:91:9D:3A:5A:88:B0:3B:EA:2C:63:72:D9:3C:40:C9

Fingerprint (SHA1): 53:A2:B0:4B:CA:6B:D6:45:E6:39:8A:8E:C4:0D:D2:BF:77:C3:A2:90

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GlobalSign Root R46"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061  
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154  
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003  
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040  
\122\157\157\164\040\122\064\066
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061  
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154  
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003  
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040  
\122\157\157\164\040\122\064\066
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\022\021\322\273\271\327\043\030\236\100\137\012\235\055\320  
\337\045\147\321
```

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\132\060\202\003\102\240\003\002\001\002\002\022\021
\322\273\271\327\043\030\236\100\137\012\235\055\320\337\045\147
\321\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\122\064\066\060\036\027\015\061\071\060\063
\062\060\060\060\060\060\060\060\132\027\015\064\066\060\063\062
\060\060\060\060\060\060\060\132\060\106\061\013\060\011\006\003
\125\004\006\023\002\102\105\061\031\060\027\006\003\125\004\012
\023\020\107\154\157\142\141\154\123\151\147\156\040\156\166\055
\163\141\061\034\060\032\006\003\125\004\003\023\023\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\122\064\066
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\254\254\164\062\350\263\145\345\272\355\103\046\035\246\211
\015\105\272\051\210\262\244\035\143\335\323\301\054\011\127\211
\071\241\125\351\147\064\167\014\156\344\125\035\122\045\322\023
\153\136\341\035\251\267\175\211\062\137\015\236\237\054\172\143
\140\100\037\246\260\266\170\217\231\124\226\010\130\256\344\006
\274\142\005\002\026\277\257\250\043\003\266\224\017\274\156\154
\302\313\325\246\273\014\351\366\301\002\373\041\336\146\335\027
\253\164\102\357\360\164\057\045\364\352\153\125\133\220\333\235
\337\136\207\012\100\373\255\031\153\373\367\312\140\210\336\332
\301\217\326\256\325\177\324\074\203\356\327\026\114\203\105\063
\153\047\320\206\320\034\055\153\363\253\175\361\205\251\365\050
\322\255\357\363\204\113\034\207\374\023\243\072\162\242\132\021
\053\326\047\161\047\355\201\055\155\146\201\222\207\264\033\130
\172\314\077\012\372\106\117\115\170\134\370\053\110\343\004\204
\313\135\366\264\152\263\145\374\102\236\121\046\043\040\313\075
\024\371\201\355\145\026\000\117\032\144\227\146\010\317\214\173
\343\053\300\235\371\024\362\033\361\126\152\026\277\054\205\205
\315\170\070\232\353\102\152\002\064\030\203\027\116\224\126\370
\266\202\265\363\226\335\075\363\276\177\040\167\076\173\031\043
\153\054\324\162\163\103\127\175\340\370\327\151\117\027\066\004
\371\300\220\140\067\105\336\346\014\330\164\215\256\234\242\155
\164\135\102\276\006\365\331\144\156\002\020\254\211\260\114\073
\007\115\100\176\044\305\212\230\202\171\216\244\247\202\040\215
\043\372\047\161\311\337\306\101\164\240\115\366\221\026\334\106
\214\137\051\143\061\131\161\014\330\157\302\266\062\175\373\346
\135\123\246\176\025\374\273\165\174\135\354\370\366\027\034\354
\307\153\031\313\363\173\360\053\007\245\331\154\171\124\166\154
\235\034\246\156\016\351\171\014\250\043\152\243\337\033\060\061
\237\261\124\173\376\152\313\146\252\334\145\320\242\236\112\232
\007\041\153\201\217\333\304\131\372\336\042\300\004\234\343\252

\133\066\223\350\075\275\172\241\235\013\166\261\013\307\235\375
\317\230\250\006\302\370\052\243\241\203\240\267\045\162\245\002
\343\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\206\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125
\035\016\004\026\004\024\003\134\253\163\201\207\250\314\260\246
\325\224\342\066\226\111\377\005\231\054\060\015\006\011\052\206
\110\206\367\015\001\001\014\005\000\003\202\002\001\000\174\170
\354\366\002\054\273\133\176\222\053\135\071\334\276\330\035\242
\102\063\115\371\357\244\052\073\104\151\036\254\331\105\243\116
\074\247\330\044\121\262\124\034\223\116\304\357\173\223\205\140
\046\352\011\110\340\365\273\307\351\150\322\273\152\061\161\314
\171\256\021\250\360\231\375\345\037\274\057\250\314\127\353\166
\304\041\246\107\123\125\115\150\277\005\244\356\327\046\253\142
\332\103\067\113\342\306\265\345\262\203\031\072\307\323\333\115
\236\010\172\363\356\317\076\142\373\254\350\140\314\321\307\241
\134\203\105\304\105\314\363\027\153\024\311\004\002\076\322\044
\246\171\351\036\316\242\347\301\131\025\237\035\342\113\232\076
\237\166\010\055\153\330\272\127\024\332\203\352\376\214\125\351
\320\116\251\314\167\061\261\104\021\172\134\261\076\323\024\105
\025\030\142\044\023\322\313\115\316\134\203\301\066\362\020\265
\016\210\155\270\341\126\237\211\336\226\146\071\107\144\054\156
\115\256\142\173\277\140\164\031\270\126\254\222\254\026\062\355
\255\150\125\376\230\272\323\064\336\364\311\141\303\016\206\366
\113\204\140\356\015\173\265\062\130\171\221\125\054\201\103\263
\164\037\172\252\045\236\035\327\241\213\271\315\102\056\004\244
\146\203\115\211\065\266\154\250\066\112\171\041\170\042\320\102
\274\321\100\061\220\241\276\004\317\312\147\355\365\360\200\323
\140\311\203\052\042\005\320\007\073\122\277\014\236\252\053\371
\273\346\037\217\045\272\205\215\027\036\002\376\135\120\004\127
\317\376\055\274\357\134\300\032\253\266\237\044\306\337\163\150
\110\220\054\024\364\077\122\032\344\322\313\024\303\141\151\317
\342\371\030\305\272\063\237\024\243\004\135\271\161\367\265\224
\330\366\063\301\132\301\064\213\174\233\335\223\072\347\023\242
\160\141\237\257\217\353\330\305\165\370\063\146\324\164\147\072
\067\167\234\347\335\244\017\166\103\146\212\103\362\237\373\014
\102\170\143\321\342\017\157\173\324\241\075\164\227\205\267\110
\071\101\326\040\374\320\072\263\372\350\157\304\212\272\161\067
\276\213\227\261\170\061\117\263\347\266\003\023\316\124\235\256
\045\131\314\177\065\137\010\367\100\105\061\170\052\172

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "GlobalSign Root R46"
Issuer: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
Serial Number: 11:d2:bb:b9:d7:23:18:9e:40:5f:0a:9d:2d:d0:df:25:67:d1

```

# Subject: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 20 00:00:00 2019
# Not Valid After : Tue Mar 20 00:00:00 2046
# Fingerprint (SHA-256):
4F:A3:12:6D:8D:3A:11:D1:C4:85:5A:4F:80:7C:BA:D6:CF:91:9D:3A:5A:88:B0:3B:EA:2C:63:72:D9:3C:40:C9
# Fingerprint (SHA1): 53:A2:B0:4B:CA:6B:D6:45:E6:39:8A:8E:C4:0D:D2:BF:77:C3:A2:90
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root R46"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\123\242\260\113\312\153\326\105\346\071\212\216\304\015\322\277
\167\303\242\220
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\304\024\060\344\372\146\103\224\052\152\033\044\137\031\320\357
END
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\122\064\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\322\273\271\327\043\030\236\100\137\012\235\055\320
\337\045\147\321
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root E46"
#
# Issuer: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# Serial Number:11:d2:bb:ba:33:6e:d4:bc:e6:24:68:c5:0d:84:1d:98:e8:43
# Subject: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 20 00:00:00 2019
# Not Valid After : Tue Mar 20 00:00:00 2046
# Fingerprint (SHA-256):
CB:B9:C4:4D:84:B8:04:3E:10:50:EA:31:A6:9F:51:49:55:D7:BF:D2:E2:C6:B4:93:01:01:9A:D6:1D:9F:50:58
# Fingerprint (SHA1): 39:B4:6C:D5:FE:80:06:EB:E2:2F:4A:BB:08:33:A0:AF:DB:B9:DD:84
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root E46"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\105\064\066
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\105\064\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\322\273\272\063\156\324\274\346\044\150\305\015\204
\035\230\350\103
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\013\060\202\001\221\240\003\002\001\002\002\022\021
\322\273\272\063\156\324\274\346\044\150\305\015\204\035\230\350
\103\060\012\006\010\052\206\110\316\075\004\003\003\060\106\061
\013\060\011\006\003\125\004\006\023\002\102\105\061\031\060\027
\006\003\125\004\012\023\020\107\154\157\142\141\154\123\151\147
\156\040\156\166\055\163\141\061\034\060\032\006\003\125\004\003
\023\023\107\154\157\142\141\154\123\151\147\156\040\122\157\157
\164\040\105\064\066\060\036\027\015\061\071\060\063\062\060\060
\060\060\060\060\060\132\027\015\064\066\060\063\062\060\060\060
\060\060\060\060\132\060\106\061\013\060\011\006\003\125\004\006
\023\002\102\105\061\031\060\027\006\003\125\004\012\023\020\107
\154\157\142\141\154\123\151\147\156\040\156\166\055\163\141\061
\034\060\032\006\003\125\004\003\023\023\107\154\157\142\141\154
\123\151\147\156\040\122\157\157\164\040\105\064\066\060\166\060
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000
\042\003\142\000\004\234\016\261\317\267\350\236\122\167\165\064
\372\245\106\247\255\062\031\062\264\007\251\047\312\224\273\014
\322\012\020\307\332\211\260\227\014\160\023\011\001\216\330\352
\107\352\276\262\200\053\315\374\050\015\333\254\274\244\206\067
\355\160\010\000\165\352\223\013\173\056\122\234\043\150\043\006
\103\354\222\057\123\204\333\373\107\024\007\350\137\224\147\135
\311\172\201\074\040\243\102\060\100\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\206\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\061\012\220\217\266\306\235\322\104\113\200

```
\265\242\346\037\261\022\117\033\225\060\012\006\010\052\206\110
\316\075\004\003\003\003\150\000\060\145\002\061\000\337\124\220
\355\233\357\213\224\002\223\027\202\231\276\263\236\054\366\013
\221\214\237\112\024\261\366\144\274\273\150\121\023\014\003\367
\025\213\204\140\271\213\377\122\216\347\214\274\034\002\060\074
\371\021\324\214\116\300\301\141\302\025\114\252\253\035\013\061
\137\073\034\342\000\227\104\061\346\376\163\226\057\332\226\323
\376\010\007\263\064\211\274\005\237\367\036\206\356\213\160
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GlobalSign Root E46"
```

```
# Issuer: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
```

```
# Serial Number:11:d2:bb:ba:33:6e:d4:bc:e6:24:68:c5:0d:84:1d:98:e8:43
```

```
# Subject: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
```

```
# Not Valid Before: Wed Mar 20 00:00:00 2019
```

```
# Not Valid After : Tue Mar 20 00:00:00 2046
```

```
# Fingerprint (SHA-256):
```

```
CB:B9:C4:4D:84:B8:04:3E:10:50:EA:31:A6:9F:51:49:55:D7:BF:D2:E2:C6:B4:93:01:01:9A:D6:1D:9F:50:58
```

```
# Fingerprint (SHA1): 39:B4:6C:D5:FE:80:06:EB:E2:2F:4A:BB:08:33:A0:AF:DB:B9:DD:84
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign Root E46"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\071\264\154\325\376\200\006\353\342\057\112\273\010\063\240\257
\333\271\335\204
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\265\270\146\355\336\010\203\343\311\342\001\064\006\254\121\157
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\105\064\066
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\022\021\322\273\272\063\156\324\274\346\044\150\305\015\204
\035\230\350\103
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "GLOBALTRUST 2020"

#

Issuer: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT

Serial Number:5a:4b:bd:5a:fb:4f:8a:5b:fa:65:e5

Subject: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT

Not Valid Before: Mon Feb 10 00:00:00 2020

Not Valid After : Sun Jun 10 00:00:00 2040

Fingerprint (SHA-256):

9A:29:6A:51:82:D1:D4:51:A2:E3:7F:43:9B:74:DA:AF:A2:67:52:33:29:F9:0F:9A:0D:20:07:C3:34:E2:3C:9A

Fingerprint (SHA1): D0:67:C1:13:51:01:0C:AA:D0:C7:6A:65:37:31:16:26:4F:53:71:A2

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GLOBALTRUST 2020"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\002\101\124\061

\043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155

\145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040

\107\155\142\110\061\031\060\027\006\003\125\004\003\023\020\107

\114\117\102\101\114\124\122\125\123\124\040\062\060\062\060

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\002\101\124\061

\043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155

\145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040

\107\155\142\110\061\031\060\027\006\003\125\004\003\023\020\107

\114\117\102\101\114\124\122\125\123\124\040\062\060\062\060

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\013\132\113\275\132\373\117\212\133\372\145\345

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\202\060\202\003\152\240\003\002\001\002\002\013\132

\113\275\132\373\117\212\133\372\145\345\060\015\006\011\052\206

\110\206\367\015\001\001\013\005\000\060\115\061\013\060\011\006

\003\125\004\006\023\002\101\124\061\043\060\041\006\003\125\004

\012\023\032\145\055\143\157\155\155\145\162\143\145\040\155\157

\156\151\164\157\162\151\156\147\040\107\155\142\110\061\031\060

\027\006\003\125\004\003\023\020\107\114\117\102\101\114\124\122

\125\123\124\040\062\060\062\060\060\060\036\027\015\062\060\060\062

\061\060\060\060\060\060\060\060\132\027\015\064\060\060\066\061

\060\060\060\060\060\060\060\132\060\115\061\013\060\011\006\003

\125\004\006\023\002\101\124\061\043\060\041\006\003\125\004\012
\023\032\145\055\143\157\155\155\145\162\143\145\040\155\157\156
\151\164\157\162\151\156\147\040\107\155\142\110\061\031\060\027
\006\003\125\004\003\023\020\107\114\117\102\101\114\124\122\125
\123\124\040\062\060\062\060\060\202\002\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060
\202\002\012\002\202\002\001\000\256\056\126\255\033\034\357\366
\225\217\240\167\033\053\323\143\217\204\115\105\242\017\237\133
\105\253\131\173\121\064\371\354\213\212\170\305\335\153\257\275
\304\337\223\105\036\277\221\070\013\256\016\026\347\101\163\370
\333\273\321\270\121\340\313\203\073\163\070\156\167\212\017\131
\143\046\315\247\052\316\124\373\270\342\300\174\107\316\140\174
\077\262\163\362\300\031\266\212\222\207\065\015\220\050\242\344
\025\004\143\076\272\257\356\174\136\314\246\213\120\262\070\367
\101\143\312\316\377\151\217\150\016\225\066\345\314\271\214\011
\312\113\335\061\220\226\310\314\037\375\126\226\064\333\216\034
\352\054\276\205\056\143\335\252\251\225\323\375\051\225\023\360
\310\230\223\331\055\026\107\220\021\203\242\072\042\242\050\127
\242\353\376\300\214\050\240\246\175\347\052\102\073\202\200\143
\245\143\037\031\314\174\262\146\250\302\323\155\067\157\342\176
\006\121\331\105\204\037\022\316\044\122\144\205\013\110\200\116
\207\261\042\042\060\252\353\256\276\340\002\340\100\350\260\102
\200\003\121\252\264\176\252\104\327\103\141\363\242\153\026\211
\111\244\243\244\053\212\002\304\170\364\150\212\301\344\172\066
\261\157\033\226\033\167\111\215\324\311\006\162\217\317\123\343
\334\027\205\040\112\334\230\047\323\221\046\053\107\036\151\007
\257\336\242\344\344\324\153\013\263\136\174\324\044\200\107\051
\151\073\156\350\254\375\100\353\330\355\161\161\053\362\350\130
\035\353\101\227\042\305\037\324\071\320\047\217\207\343\030\364
\340\251\106\015\365\164\072\202\056\320\156\054\221\243\061\134
\073\106\352\173\004\020\126\136\200\035\365\245\145\350\202\374
\342\007\214\142\105\365\040\336\106\160\206\241\274\223\323\036
\164\246\154\260\054\367\003\014\210\014\313\324\162\123\206\274
\140\106\363\230\152\302\361\277\103\371\160\040\167\312\067\101
\171\125\122\143\215\133\022\237\305\150\304\210\235\254\362\060
\253\267\243\061\227\147\255\217\027\017\154\307\163\355\044\224
\153\310\203\232\320\232\067\111\004\253\261\026\310\154\111\111
\055\253\241\320\214\222\362\101\112\171\041\045\333\143\327\266
\234\247\176\102\151\373\072\143\002\003\001\000\001\243\143\060
\141\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\006\060\035\006\003\125\035\016\004\026\004\024\334\056\037
\321\141\067\171\344\253\325\325\263\022\161\150\075\152\150\234
\042\060\037\006\003\125\035\043\004\030\060\026\200\024\334\056
\037\321\141\067\171\344\253\325\325\263\022\161\150\075\152\150
\234\042\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\003\202\002\001\000\221\360\102\002\150\100\356\303\150\300
\124\057\337\354\142\303\303\236\212\240\061\050\252\203\216\244

\126\226\022\020\206\126\272\227\162\322\124\060\174\255\031\325
\035\150\157\373\024\102\330\215\016\363\265\321\245\343\002\102
\136\334\350\106\130\007\065\002\060\340\274\164\112\301\103\052
\377\333\032\320\260\257\154\303\375\313\263\365\177\155\003\056
\131\126\235\055\055\065\214\262\326\103\027\054\222\012\313\135
\350\214\017\113\160\103\320\202\377\250\314\277\244\224\300\276
\207\275\212\343\223\173\306\217\233\026\235\047\145\274\172\305
\102\202\154\134\007\320\251\301\210\140\104\351\230\205\026\137
\370\217\312\001\020\316\045\303\371\140\033\240\305\227\303\323
\054\210\061\242\275\060\354\320\320\300\022\361\301\071\343\345
\365\370\326\112\335\064\315\373\157\301\117\343\000\213\126\342
\222\367\050\262\102\167\162\043\147\307\077\021\025\262\304\003
\005\276\273\021\173\012\277\250\156\347\377\130\103\317\233\147
\240\200\007\266\035\312\255\155\352\101\021\176\055\164\223\373
\302\274\276\121\104\305\357\150\045\047\200\343\310\240\324\022
\354\331\245\067\035\067\174\264\221\312\332\324\261\226\201\357
\150\134\166\020\111\257\176\245\067\200\261\034\122\275\063\201
\114\217\371\335\145\331\024\315\212\045\130\364\342\305\203\245
\011\220\324\154\024\143\265\100\337\353\300\374\304\130\176\015
\024\026\207\124\047\156\126\344\160\204\270\154\062\022\176\202
\061\103\276\327\335\174\241\255\256\326\253\040\022\357\012\303
\020\214\111\226\065\334\013\165\136\261\117\325\117\064\016\021
\040\007\165\103\105\351\243\021\332\254\243\231\302\266\171\047
\342\271\357\310\342\366\065\051\172\164\372\305\177\202\005\142
\246\012\352\150\262\171\107\006\156\362\127\250\025\063\306\367
\170\112\075\102\173\153\176\376\367\106\352\321\353\216\357\210
\150\133\350\301\331\161\176\375\144\357\377\147\107\210\130\045
\057\076\206\007\275\373\250\345\202\250\254\245\323\151\103\315
\061\210\111\204\123\222\300\261\071\033\071\203\001\060\304\362
\251\372\320\003\275\162\067\140\126\037\066\174\275\071\221\365
\155\015\277\173\327\222

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "GLOBALTRUST 2020"

Issuer: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT

Serial Number:5a:4b:bd:5a:fb:4f:8a:5b:fa:65:e5

Subject: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT

Not Valid Before: Mon Feb 10 00:00:00 2020

Not Valid After : Sun Jun 10 00:00:00 2040

Fingerprint (SHA-256):

9A:29:6A:51:82:D1:D4:51:A2:E3:7F:43:9B:74:DA:AF:A2:67:52:33:29:F9:0F:9A:0D:20:07:C3:34:E2:3C:9A

Fingerprint (SHA1): D0:67:C1:13:51:01:0C:AA:D0:C7:6A:65:37:31:16:26:4F:53:71:A2

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GLOBALTRUST 2020"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\320\147\301\023\121\001\014\252\320\307\152\145\067\061\026\046
\117\123\161\242
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\212\307\157\313\155\343\314\242\361\174\203\372\016\170\327\350
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155
\145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040
\107\155\142\110\061\031\060\027\006\003\125\004\003\023\020\107
\114\117\102\101\114\124\122\125\123\124\040\062\060\062\060
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\132\113\275\132\373\117\212\133\372\145\345
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ANF Secure Server Root CA"
#
# Issuer: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510
# Serial Number:0d:d3:e3:bc:6c:f9:6b:b1
# Subject: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510
# Not Valid Before: Wed Sep 04 10:00:38 2019
# Not Valid After : Tue Aug 30 10:00:38 2039
# Fingerprint (SHA-256):
FB:8F:EC:75:91:69:B9:10:6B:1E:51:16:44:C6:18:C5:13:04:37:3F:6C:06:43:08:8D:8B:EF:FD:1B:99:75:99
# Fingerprint (SHA1): 5B:6E:68:D0:CC:15:B6:A0:5F:1E:C1:5F:AE:02:FC:6B:2F:5D:6F:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANF Secure Server Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\204\061\022\060\020\006\003\125\004\005\023\011\107\066
\063\062\070\067\065\061\060\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\047\060\045\006\003\125\004\012\023\036\101
\116\106\040\101\165\164\157\162\151\144\141\144\040\144\145\040

```

\103\145\162\164\151\146\151\143\141\143\151\157\156\061\024\060
\022\006\003\125\004\013\023\013\101\116\106\040\103\101\040\122
\141\151\172\061\042\060\040\006\003\125\004\003\023\031\101\116
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040
\122\157\157\164\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\204\061\022\060\020\006\003\125\004\005\023\011\107\066
\063\062\070\067\065\061\060\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\047\060\045\006\003\125\004\012\023\036\101
\116\106\040\101\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\061\024\060
\022\006\003\125\004\013\023\013\101\116\106\040\103\101\040\122
\141\151\172\061\042\060\040\006\003\125\004\003\023\031\101\116
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040
\122\157\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\015\323\343\274\154\371\153\261

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\357\060\202\003\327\240\003\002\001\002\002\010\015
\323\343\274\154\371\153\261\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\201\204\061\022\060\020\006\003\125
\004\005\023\011\107\066\063\062\070\067\065\061\060\061\013\060
\011\006\003\125\004\006\023\002\105\123\061\047\060\045\006\003
\125\004\012\023\036\101\116\106\040\101\165\164\157\162\151\144
\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141\143
\151\157\156\061\024\060\022\006\003\125\004\013\023\013\101\116
\106\040\103\101\040\122\141\151\172\061\042\060\040\006\003\125
\004\003\023\031\101\116\106\040\123\145\143\165\162\145\040\123
\145\162\166\145\162\040\122\157\157\164\040\103\101\060\036\027
\015\061\071\060\071\060\064\061\060\060\060\063\070\132\027\015
\063\071\060\070\063\060\061\060\060\060\063\070\132\060\201\204
\061\022\060\020\006\003\125\004\005\023\011\107\066\063\062\070
\067\065\061\060\061\013\060\011\006\003\125\004\006\023\002\105
\123\061\047\060\045\006\003\125\004\012\023\036\101\116\106\040
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\061\024\060\022\006\003
\125\004\013\023\013\101\116\106\040\103\101\040\122\141\151\172
\061\042\060\040\006\003\125\004\003\023\031\101\116\106\040\123
\145\143\165\162\145\040\123\145\162\166\145\162\040\122\157\157
\164\040\103\101\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\333\353\153\053\346\144\124\225\202\220\243
\162\244\031\001\235\234\013\201\137\163\111\272\247\254\363\004
\116\173\226\013\354\021\340\133\246\034\316\033\322\015\203\034

\053\270\236\035\176\105\062\140\017\007\351\167\130\176\237\152
\310\141\116\266\046\301\114\215\377\114\357\064\262\037\145\330
\271\170\365\255\251\161\271\357\117\130\035\245\336\164\040\227
\241\355\150\114\336\222\027\113\274\253\377\145\232\236\373\107
\331\127\162\363\011\241\256\166\104\023\156\234\055\104\071\274
\371\307\073\244\130\075\101\275\264\302\111\243\310\015\322\227
\057\007\145\122\000\247\156\310\257\150\354\364\024\226\266\127
\037\126\303\071\237\053\155\344\363\076\366\065\144\332\014\034
\241\204\113\057\113\113\342\054\044\235\155\223\100\353\265\043
\216\062\312\157\105\323\250\211\173\036\317\036\372\133\103\213
\315\315\250\017\152\312\014\136\271\236\107\217\360\331\266\012
\013\130\145\027\063\271\043\344\167\031\175\313\112\056\222\173
\117\057\020\167\261\215\057\150\234\142\314\340\120\370\354\221
\247\124\114\127\011\325\166\143\305\350\145\036\356\155\152\317
\011\235\372\174\117\255\140\010\375\126\231\017\025\054\173\251
\200\253\214\141\217\112\007\166\102\336\075\364\335\262\044\063
\133\270\265\243\104\311\254\177\167\074\035\043\354\202\251\246
\342\310\006\114\002\376\254\134\231\231\013\057\020\212\246\364
\177\325\207\164\015\131\111\105\366\360\161\134\071\051\326\277
\112\043\213\365\137\001\143\322\207\163\050\265\113\012\365\370
\253\202\054\176\163\045\062\035\013\143\012\027\201\000\377\266
\166\136\347\264\261\100\312\041\273\325\200\121\345\110\122\147
\054\322\141\211\007\015\017\316\102\167\300\104\163\234\104\120
\240\333\020\012\055\225\034\201\257\344\034\345\024\036\361\066
\101\001\002\057\175\163\247\336\102\314\114\351\211\015\126\367
\237\221\324\003\306\154\311\217\333\330\034\340\100\230\135\146
\231\230\200\156\055\377\001\305\316\313\106\037\254\002\306\103
\346\256\242\204\074\305\116\036\075\155\311\024\114\343\056\101
\273\312\071\277\066\074\052\031\252\101\207\116\245\316\113\062
\171\335\220\111\177\002\003\001\000\001\243\143\060\141\060\037
\006\003\125\035\043\004\030\060\026\200\024\234\137\320\154\143
\243\137\223\312\223\230\010\255\214\207\245\054\134\301\067\060
\035\006\003\125\035\016\004\026\004\024\234\137\320\154\143\243
\137\223\312\223\230\010\255\214\207\245\054\134\301\067\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202
\002\001\000\116\036\271\212\306\240\230\077\156\303\151\300\152
\134\111\122\254\313\053\135\170\070\301\325\124\204\237\223\360
\207\031\075\054\146\211\353\015\102\374\314\360\165\205\077\213
\364\200\135\171\345\027\147\275\065\202\342\362\074\216\175\133
\066\313\132\200\000\051\362\316\053\054\361\217\252\155\005\223
\154\162\307\126\353\337\120\043\050\345\105\020\075\350\147\243
\257\016\125\017\220\011\142\357\113\131\242\366\123\361\300\065
\344\057\301\044\275\171\057\116\040\042\073\375\032\040\260\244
\016\054\160\355\164\077\270\023\225\006\121\310\350\207\046\312
\244\133\152\026\041\222\335\163\140\236\020\030\336\074\201\352
\350\030\303\174\211\362\213\120\076\275\021\342\025\003\250\066

\175\063\001\154\110\025\327\210\220\231\004\305\314\346\007\364
\274\364\220\355\023\342\352\213\303\217\243\063\017\301\051\114
\023\116\332\025\126\161\163\162\202\120\366\232\063\174\242\261
\250\032\064\164\145\134\316\321\353\253\123\340\032\200\330\352
\072\111\344\046\060\233\345\034\212\250\251\025\062\206\231\222
\012\020\043\126\022\340\366\316\114\342\273\276\333\215\222\163
\001\146\057\142\076\262\162\047\105\066\355\115\126\343\227\231
\377\072\065\076\245\124\112\122\131\113\140\333\356\376\170\021
\177\112\334\024\171\140\266\153\144\003\333\025\203\341\242\276
\366\043\227\120\360\011\063\066\247\161\226\045\363\271\102\175
\333\070\077\054\130\254\350\102\341\016\330\323\073\114\056\202
\351\203\056\153\061\331\335\107\206\117\155\227\221\056\117\342
\050\161\065\026\321\362\163\376\045\053\007\107\044\143\047\310
\370\366\331\153\374\022\061\126\010\300\123\102\257\234\320\063
\176\374\006\360\061\104\003\024\361\130\352\362\152\015\251\021
\262\203\276\305\032\277\007\352\131\334\243\210\065\357\234\166
\062\074\115\006\042\316\025\345\335\236\330\217\332\336\322\304
\071\345\027\201\317\070\107\353\177\210\155\131\033\337\237\102
\024\256\176\317\250\260\146\145\332\067\257\237\252\075\352\050
\266\336\325\061\130\026\202\133\352\273\031\165\002\163\032\312
\110\032\041\223\220\012\216\223\204\247\175\073\043\030\222\211
\240\215\254

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "ANF Secure Server Root CA"

Issuer: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510

Serial Number:0d:d3:e3:bc:6c:f9:6b:b1

Subject: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510

Not Valid Before: Wed Sep 04 10:00:38 2019

Not Valid After : Tue Aug 30 10:00:38 2039

Fingerprint (SHA-256):

FB:8F:EC:75:91:69:B9:10:6B:1E:51:16:44:C6:18:C5:13:04:37:3F:6C:06:43:08:8D:8B:EF:FD:1B:99:75:99

Fingerprint (SHA1): 5B:6E:68:D0:CC:15:B6:A0:5F:1E:C1:5F:AE:02:FC:6B:2F:5D:6F:74

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "ANF Secure Server Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\133\156\150\320\314\025\266\240\137\036\301\137\256\002\374\153
\057\135\157\164

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\046\246\104\132\331\257\116\057\262\035\266\145\260\116\350\226

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\204\061\022\060\020\006\003\125\004\005\023\011\107\066
\063\062\070\067\065\061\060\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\047\060\045\006\003\125\004\012\023\036\101
\116\106\040\101\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\061\024\060
\022\006\003\125\004\013\023\013\101\116\106\040\103\101\040\122
\141\151\172\061\042\060\040\006\003\125\004\003\023\031\101\116
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040
\122\157\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\015\323\343\274\154\371\153\261

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Certum EC-384 CA"

#

Issuer: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

Serial Number: 78:8f:27:5c:81:12:52:20:a5:04:d0:2d:dd:ba:73:f4

Subject: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

Not Valid Before: Mon Mar 26 07:24:54 2018

Not Valid After : Thu Mar 26 07:24:54 2043

Fingerprint (SHA-256):

6B:32:80:85:62:53:18:AA:50:D1:73:C9:8D:8B:DA:09:D5:7E:27:41:3D:11:4C:F7:87:A0:F5:D0:6C:03:0C:F6

Fingerprint (SHA1): F3:3E:78:3C:AC:DF:F4:A2:CC:AC:67:55:69:56:D7:E5:16:3C:E1:ED

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Certum EC-384 CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027\006
\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103\055
\063\070\064\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027\006
\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103\055
\063\070\064\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\170\217\047\134\201\022\122\040\245\004\320\055\335\272
\163\364

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\145\060\202\001\353\240\003\002\001\002\002\020\170
\217\047\134\201\022\122\040\245\004\320\055\335\272\163\364\060
\012\006\010\052\206\110\316\075\004\003\003\060\164\061\013\060
\011\006\003\125\004\006\023\002\120\114\061\041\060\037\006\003
\125\004\012\023\030\101\163\163\145\143\157\040\104\141\164\141
\040\123\171\163\164\145\155\163\040\123\056\101\056\061\047\060
\045\006\003\125\004\013\023\036\103\145\162\164\165\155\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\061\031\060\027\006\003\125\004\003\023
\020\103\145\162\164\165\155\040\105\103\055\063\070\064\040\103
\101\060\036\027\015\061\070\060\063\062\066\060\067\062\064\065
\064\132\027\015\064\063\060\063\062\066\060\067\062\064\065\064
\132\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143
\157\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027
\006\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103
\055\063\070\064\040\103\101\060\166\060\020\006\007\052\206\110
\316\075\002\001\006\005\053\201\004\000\042\003\142\000\004\304
\050\216\253\030\133\152\276\156\144\067\143\344\315\354\253\072
\367\314\241\270\016\202\111\327\206\051\237\241\224\362\343\140
\170\230\201\170\006\115\362\354\232\016\127\140\203\237\264\346
\027\057\032\263\135\002\133\211\043\074\302\021\005\052\247\210
\023\030\363\120\204\327\275\064\054\047\211\125\377\316\114\347
\337\246\037\050\304\360\124\303\271\174\267\123\255\353\302\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\215
\006\146\164\044\166\072\363\211\367\274\326\275\107\175\057\274
\020\137\113\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\012\006\010\052\206\110\316\075\004\003\003\003

```
\150\000\060\145\002\060\003\125\055\246\346\030\304\174\357\311
\120\156\301\047\017\234\207\257\156\325\033\010\030\275\222\051
\301\357\224\221\170\322\072\034\125\211\142\345\033\011\036\272
\144\153\361\166\264\324\002\061\000\264\102\204\231\377\253\347
\236\373\221\227\047\135\334\260\133\060\161\316\136\070\032\152
\331\045\347\352\367\141\222\126\370\352\332\066\302\207\145\226
\056\162\045\057\177\337\303\023\311
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

Trust for "Certum EC-384 CA"

Issuer: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

Serial Number:78:8f:27:5c:81:12:52:20:a5:04:d0:2d:dd:ba:73:f4

Subject: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

Not Valid Before: Mon Mar 26 07:24:54 2018

Not Valid After : Thu Mar 26 07:24:54 2043

Fingerprint (SHA-256):

6B:32:80:85:62:53:18:AA:50:D1:73:C9:8D:8B:DA:09:D5:7E:27:41:3D:11:4C:F7:87:A0:F5:D0:6C:03:0C:F6

Fingerprint (SHA1): F3:3E:78:3C:AC:DF:F4:A2:CC:AC:67:55:69:56:D7:E5:16:3C:E1:ED

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certum EC-384 CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\363\076\170\074\254\337\364\242\314\254\147\125\151\126\327\345
\026\074\341\355
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\266\145\263\226\140\227\022\241\354\116\341\075\243\306\311\361
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027\006
\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103\055
\063\070\064\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\170\217\047\134\201\022\122\040\245\004\320\055\335\272
\163\364
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```


CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "Certum Trusted Root CA"

#

Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

Serial Number: 1e:bf:59:50:b8:c9:80:37:4c:06:f7:eb:55:4f:b5:ed

Subject: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

Not Valid Before: Fri Mar 16 12:10:13 2018

Not Valid After : Mon Mar 16 12:10:13 2043

Fingerprint (SHA-256):

FE:76:96:57:38:55:77:3E:37:A9:5E:7A:D4:D9:CC:96:C3:01:57:C1:5D:31:76:5B:A9:B1:57:04:E1:AE:78:FD

Fingerprint (SHA1): C8:83:44:C0:18:AE:9F:CC:F1:87:B7:8F:22:D1:C5:D7:45:84:BA:E5

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Certum Trusted Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\172\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\122\157\157\164\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\172\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\122\157\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\036\277\131\120\270\311\200\067\114\006\367\353\125\117
\265\355

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\300\060\202\003\250\240\003\002\001\002\002\020\036

\277\131\120\270\311\200\067\114\006\367\353\125\117\265\355\060
\015\006\011\052\206\110\206\367\015\001\001\015\005\000\060\172
\061\013\060\011\006\003\125\004\006\023\002\120\114\061\041\060
\037\006\003\125\004\012\023\030\101\163\163\145\143\157\040\104
\141\164\141\040\123\171\163\164\145\155\163\040\123\056\101\056
\061\047\060\045\006\003\125\004\013\023\036\103\145\162\164\165
\155\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\101\165\164\150\157\162\151\164\171\061\037\060\035\006\003\125
\004\003\023\026\103\145\162\164\165\155\040\124\162\165\163\164
\145\144\040\122\157\157\164\040\103\101\060\036\027\015\061\070
\060\063\061\066\061\062\061\060\061\063\132\027\015\064\063\060
\063\061\066\061\062\061\060\061\063\132\060\172\061\013\060\011
\006\003\125\004\006\023\002\120\114\061\041\060\037\006\003\125
\004\012\023\030\101\163\163\145\143\157\040\104\141\164\141\040
\123\171\163\164\145\155\163\040\123\056\101\056\061\047\060\045
\006\003\125\004\013\023\036\103\145\162\164\165\155\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171\061\037\060\035\006\003\125\004\003\023\026
\103\145\162\164\165\155\040\124\162\165\163\164\145\144\040\122
\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\321\055\216\273\267\066\352\155\067
\221\237\116\223\247\005\344\051\003\045\316\034\202\367\174\231
\237\101\006\315\355\243\272\300\333\011\054\301\174\337\051\176
\113\145\057\223\247\324\001\153\003\050\030\243\330\235\005\301
\052\330\105\361\221\336\337\073\320\200\002\214\317\070\017\352
\247\134\170\021\244\301\310\205\134\045\323\323\262\347\045\317
\021\124\227\253\065\300\036\166\034\357\000\123\237\071\334\024
\245\054\042\045\263\162\162\374\215\263\345\076\010\036\024\052
\067\013\210\074\312\260\364\310\302\241\256\274\301\276\051\147
\125\342\374\255\131\134\376\275\127\054\260\220\215\302\355\067
\266\174\231\210\265\325\003\232\075\025\015\075\072\250\250\105
\360\225\116\045\131\035\315\230\151\273\323\314\062\311\215\357
\201\376\255\175\211\273\272\140\023\312\145\225\147\240\363\031
\366\003\126\324\152\323\047\342\241\255\203\360\112\022\042\167
\034\005\163\342\031\161\102\300\354\165\106\232\220\130\340\152
\216\053\245\106\060\004\216\031\262\027\343\276\251\272\177\126
\361\044\003\327\262\041\050\166\016\066\060\114\171\325\101\232
\232\250\270\065\272\014\072\362\104\033\040\210\367\305\045\327
\075\306\343\076\103\335\207\376\304\352\365\123\076\114\145\377
\073\112\313\170\132\153\027\137\015\307\303\117\116\232\052\242
\355\127\115\042\342\106\232\077\017\221\064\044\175\125\343\214
\225\067\323\032\360\011\053\054\322\311\215\264\015\000\253\147
\051\050\330\001\365\031\004\266\035\276\166\376\162\134\304\205
\312\322\200\101\337\005\250\243\325\204\220\117\013\363\340\077
\233\031\322\067\211\077\362\173\122\034\214\366\341\367\074\007
\227\214\016\242\131\201\014\262\220\075\323\343\131\106\355\017
\251\247\336\200\153\132\252\007\266\031\313\274\127\363\227\041

\172\014\261\053\164\076\353\332\247\147\055\114\304\230\236\066
\011\166\146\146\374\032\077\352\110\124\034\276\060\275\200\120
\277\174\265\316\000\366\014\141\331\347\044\003\340\343\001\201
\016\275\330\205\064\210\275\262\066\250\173\134\010\345\104\200
\214\157\370\057\325\041\312\035\034\320\373\304\265\207\321\072
\116\307\166\265\065\110\265\002\003\001\000\001\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\035\006\003\125\035\016\004\026\004\024\214\373\034\165
\274\002\323\237\116\056\110\331\371\140\124\252\304\263\117\372
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\015\006\011\052\206\110\206\367\015\001\001\015\005\000\003
\202\002\001\000\110\242\325\000\013\056\320\077\274\034\325\265
\124\111\036\132\153\364\344\362\340\100\067\340\314\024\173\271
\311\372\065\265\165\027\223\152\005\151\205\234\315\117\031\170
\133\031\201\363\143\076\303\316\133\217\365\057\136\001\166\023
\077\054\000\271\315\226\122\071\111\155\004\116\305\351\017\206
\015\341\372\263\137\202\022\361\072\316\146\006\044\064\053\350
\314\312\347\151\334\207\235\302\064\327\171\321\323\167\270\252
\131\130\376\235\046\372\070\206\076\235\212\207\144\127\345\027
\072\342\371\215\271\343\063\170\301\220\330\270\335\267\203\121
\344\304\314\043\325\006\174\346\121\323\315\064\061\300\366\106
\273\013\255\374\075\020\005\052\073\112\221\045\356\214\324\204
\207\200\052\274\011\214\252\072\023\137\350\064\171\120\301\020
\031\371\323\050\036\324\321\121\060\051\263\256\220\147\326\037
\012\143\261\305\251\306\102\061\143\027\224\357\151\313\057\372
\214\024\175\304\103\030\211\331\360\062\100\346\200\342\106\137
\345\343\301\000\131\250\371\350\040\274\211\054\016\107\064\013
\352\127\302\123\066\374\247\324\257\061\315\376\002\345\165\372
\271\047\011\371\363\365\073\312\175\237\251\042\313\210\311\252
\321\107\075\066\167\250\131\144\153\047\317\357\047\301\343\044
\265\206\367\256\176\062\115\260\171\150\321\071\350\220\130\303
\203\274\017\054\326\227\353\316\014\341\040\307\332\267\076\303
\077\277\057\334\064\244\373\053\041\315\147\217\113\364\343\352
\324\077\347\117\272\271\245\223\105\034\146\037\041\372\144\136
\157\340\166\224\062\313\165\365\156\345\366\217\307\270\244\314
\250\226\175\144\373\044\132\112\003\154\153\070\306\350\003\103
\232\367\127\271\263\051\151\223\070\364\003\362\273\373\202\153
\007\040\321\122\037\232\144\002\173\230\146\333\134\115\132\017
\320\204\225\240\074\024\103\006\312\312\333\270\101\066\332\152
\104\147\207\257\257\343\105\021\025\151\010\262\276\026\071\227
\044\157\022\105\321\147\135\011\250\311\025\332\372\322\246\137
\023\141\037\277\205\254\264\255\255\005\224\010\203\036\165\027
\323\161\073\223\120\043\131\240\355\074\221\124\235\166\000\305
\303\270\070\333

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```
# Trust for "Certum Trusted Root CA"
# Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Serial Number:1e:bf:59:50:b8:c9:80:37:4c:06:f7:eb:55:4f:b5:ed
# Subject: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Not Valid Before: Fri Mar 16 12:10:13 2018
# Not Valid After : Mon Mar 16 12:10:13 2043
# Fingerprint (SHA-256):
FE:76:96:57:38:55:77:3E:37:A9:5E:7A:D4:D9:CC:96:C3:01:57:C1:5D:31:76:5B:A9:B1:57:04:E1:AE:78:FD
# Fingerprint (SHA1): C8:83:44:C0:18:AE:9F:CC:F1:87:B7:8F:22:D1:C5:D7:45:84:BA:E5
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\310\203\104\300\030\256\237\314\361\207\267\217\042\321\305\327
\105\204\272\345
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\121\341\302\347\376\114\204\257\131\016\057\364\124\157\352\051
END
CKA_ISSUER MULTILINE_OCTAL
\060\172\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\036\277\131\120\270\311\200\067\114\006\367\353\125\117
\265\355
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TunTrust Root CA"
#
# Issuer: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
# Serial Number:13:02:d5:e2:40:4c:92:46:86:16:67:5d:b4:bb:bb:b2:6b:3e:fc:13
# Subject: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
# Not Valid Before: Fri Apr 26 08:57:56 2019
```

```
# Not Valid After : Tue Apr 26 08:57:56 2044
# Fingerprint (SHA-256):
2E:44:10:2A:B5:8C:B8:54:19:45:1C:8E:19:D9:AC:F3:66:2C:AF:BC:61:4B:6A:53:96:0A:30:F7:D0:E2:EB:41
# Fingerprint (SHA1): CF:E9:70:84:0F:E0:73:0F:9D:F6:0C:7F:2C:4B:EE:20:46:34:9C:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TunTrust Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\067\060\065\006\003\125\004\012\014\056\101\147\145\156\143\145
\040\116\141\164\151\157\156\141\154\145\040\144\145\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143
\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004
\003\014\020\124\165\156\124\162\165\163\164\040\122\157\157\164
\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\067\060\065\006\003\125\004\012\014\056\101\147\145\156\143\145
\040\116\141\164\151\157\156\141\154\145\040\144\145\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143
\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004
\003\014\020\124\165\156\124\162\165\163\164\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\023\002\325\342\100\114\222\106\206\026\147\135\264\273
\273\262\153\076\374\023
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\263\060\202\003\233\240\003\002\001\002\002\024\023
\002\325\342\100\114\222\106\206\026\147\135\264\273\273\262\153
\076\374\023\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\141\061\013\060\011\006\003\125\004\006\023\002\124
\116\061\067\060\065\006\003\125\004\012\014\056\101\147\145\156
\143\145\040\116\141\164\151\157\156\141\154\145\040\144\145\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\105\154
\145\143\164\162\157\156\151\161\165\145\061\031\060\027\006\003
\125\004\003\014\020\124\165\156\124\162\165\163\164\040\122\157
\157\164\040\103\101\060\036\027\015\061\071\060\064\062\066\060
\070\065\067\065\066\132\027\015\064\064\060\064\062\066\060\070
\065\067\065\066\132\060\141\061\013\060\011\006\003\125\004\006
\023\002\124\116\061\067\060\065\006\003\125\004\012\014\056\101
\147\145\156\143\145\040\116\141\164\151\157\156\141\154\145\040
```

\144\145\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\105\154\145\143\164\162\157\156\151\161\165\145\061\031\060
\027\006\003\125\004\003\014\020\124\165\156\124\162\165\163\164
\040\122\157\157\164\040\103\101\060\202\002\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000
\060\202\002\012\002\202\002\001\000\303\315\323\374\275\004\123
\335\014\040\072\325\210\056\005\113\101\365\203\202\176\367\131
\237\236\236\143\350\163\332\366\006\251\117\037\264\371\013\037
\071\214\232\040\320\176\006\324\354\064\331\206\274\165\133\207
\210\360\322\331\324\243\012\262\154\033\353\111\054\076\254\135
\330\224\003\240\354\064\345\060\304\065\175\373\046\115\033\156
\060\124\330\365\200\105\234\071\255\234\311\045\004\115\232\220
\076\116\100\156\212\153\315\051\147\306\314\055\340\164\350\005
\127\012\110\120\372\172\103\332\176\354\133\232\016\142\166\376
\352\235\035\205\162\354\021\273\065\350\037\047\277\301\241\307
\273\110\026\335\126\327\314\116\240\341\271\254\333\325\203\031
\032\205\321\224\227\327\312\243\145\013\363\070\371\002\256\335
\366\147\317\311\077\365\212\054\107\032\231\157\005\015\375\320
\035\202\061\374\051\314\000\130\227\221\114\200\000\034\063\205
\226\057\313\101\302\213\020\204\303\011\044\211\037\265\017\331
\331\167\107\030\222\224\140\134\307\231\003\074\376\367\225\247
\175\120\241\200\302\251\203\255\130\226\125\041\333\206\131\324
\257\306\274\335\201\156\007\333\140\142\376\354\020\156\332\150
\001\364\203\033\251\076\242\133\043\327\144\306\337\334\242\175
\330\113\272\202\322\121\370\146\277\006\106\344\171\052\046\066
\171\217\037\116\231\035\262\217\014\016\034\377\311\135\300\375
\220\020\246\261\067\363\315\072\044\156\264\205\220\277\200\271
\014\214\325\233\326\310\361\126\077\032\200\211\172\251\342\033
\062\121\054\076\362\337\173\366\135\172\051\031\216\345\310\275
\066\161\213\135\114\302\035\077\255\130\242\317\075\160\115\246
\120\230\045\334\043\371\270\130\101\010\161\277\117\270\204\240
\217\000\124\025\374\221\155\130\247\226\073\353\113\226\047\315
\153\242\241\206\254\015\174\124\346\146\114\146\137\220\276\041
\232\002\106\055\344\203\302\200\271\317\113\076\350\177\074\001
\354\217\136\315\177\322\050\102\001\225\212\342\227\075\020\041
\175\366\235\034\305\064\241\354\054\016\012\122\054\022\125\160
\044\075\313\302\024\065\103\135\047\116\276\300\275\252\174\226
\347\374\236\141\255\104\323\000\227\002\003\001\000\001\243\143
\060\141\060\035\006\003\125\035\016\004\026\004\024\006\232\233
\037\123\175\361\365\244\310\323\206\076\241\163\131\264\367\104
\041\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\037\006\003\125\035\043\004\030\060\026\200\024\006
\232\233\037\123\175\361\365\244\310\323\206\076\241\163\131\264
\367\104\041\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\002\001\000\252\005\156\266\335\025\311\277\263
\306\040\366\006\107\260\206\223\045\323\215\271\310\000\077\227
\365\122\047\210\161\311\164\375\353\312\144\333\133\357\036\135

\272\277\321\353\356\134\151\272\026\310\363\271\217\323\066\056
\100\111\007\015\131\336\213\020\260\111\005\342\377\221\077\113
\267\335\002\216\370\201\050\134\314\334\155\257\137\024\234\175
\130\170\015\366\200\011\271\351\016\227\051\031\270\267\353\370
\026\313\125\022\344\306\175\273\304\354\370\265\034\116\076\147
\277\305\137\033\155\155\107\050\252\004\130\141\326\166\277\042
\177\320\007\152\247\144\123\360\227\215\235\200\077\273\301\007
\333\145\257\346\233\062\232\303\124\223\304\034\010\303\104\373
\173\143\021\103\321\152\032\141\152\171\155\220\117\051\216\107
\005\301\022\151\151\326\306\066\061\341\374\372\200\272\134\117
\304\353\267\062\254\370\165\141\027\327\020\031\271\361\322\011
\357\172\102\235\133\132\013\324\306\225\116\052\316\377\007\327
\117\176\030\006\210\361\031\265\331\230\273\256\161\304\034\347
\164\131\130\357\014\211\317\213\037\165\223\032\004\024\222\110
\120\251\353\127\051\000\026\343\066\034\310\370\277\360\063\325
\101\017\304\314\074\335\351\063\103\001\221\020\053\036\321\271
\135\315\062\031\213\217\214\040\167\327\042\304\102\334\204\026
\233\045\155\350\264\125\161\177\260\174\263\323\161\111\271\317
\122\244\004\077\334\075\240\273\257\063\236\012\060\140\216\333
\235\135\224\250\275\140\347\142\200\166\201\203\014\214\314\060
\106\111\342\014\322\250\257\353\141\161\357\347\042\142\251\367
\134\144\154\237\026\214\147\066\047\105\365\011\173\277\366\020
\012\361\260\215\124\103\214\004\272\243\077\357\342\065\307\371
\164\340\157\064\101\320\277\163\145\127\040\371\233\147\172\146
\150\044\116\200\145\275\020\231\006\131\362\145\257\270\306\107
\273\375\220\170\213\101\163\056\257\125\037\334\073\222\162\156
\204\323\320\141\114\015\314\166\127\342\055\205\042\025\066\015
\353\001\235\353\330\353\304\204\231\373\300\014\314\062\350\343
\167\332\203\104\213\236\125\050\300\213\130\323\220\076\116\033
\000\361\025\255\203\053\232

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "TunTrust Root CA"

Issuer: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN

Serial Number: 13:02:d5:e2:40:4c:92:46:86:16:67:5d:b4:bb:bb:b2:6b:3e:fc:13

Subject: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN

Not Valid Before: Fri Apr 26 08:57:56 2019

Not Valid After : Tue Apr 26 08:57:56 2044

Fingerprint (SHA-256):

2E:44:10:2A:B5:8C:B8:54:19:45:1C:8E:19:D9:AC:F3:66:2C:AF:BC:61:4B:6A:53:96:0A:30:F7:D0:E2:EB:41

Fingerprint (SHA1): CF:E9:70:84:0F:E0:73:0F:9D:F6:0C:7F:2C:4B:EE:20:46:34:9C:BB

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

CKA_LABEL UTF8 "TunTrust Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\317\351\160\204\017\340\163\017\235\366\014\177\054\113\356\040
\106\064\234\273
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\205\023\271\220\133\066\134\266\136\270\132\370\340\061\127\264
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\067\060\065\006\003\125\004\012\014\056\101\147\145\156\143\145
\040\116\141\164\151\157\156\141\154\145\040\144\145\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143
\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004
\003\014\020\124\165\156\124\162\165\163\164\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\023\002\325\342\100\114\222\106\206\026\147\135\264\273
\273\262\153\076\374\023
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "HARICA TLS RSA Root CA 2021"
#
# Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:39:ca:93:1c:ef:43:f3:c6:8e:93:c7:f4:64:89:38:7e
# Subject: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 10:55:38 2021
# Not Valid After : Mon Feb 13 10:55:37 2045
# Fingerprint (SHA-256):
D9:5D:0E:8E:DA:79:52:5B:F9:BE:B1:1B:14:D2:10:0D:32:94:98:5F:0C:62:D9:FA:BD:9C:D9:99:EC:CB:7B:1D
# Fingerprint (SHA1): 02:2D:05:82:FA:88:CE:14:0C:06:79:DE:7F:14:10:E9:45:D7:A5:6D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS RSA Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165

```


\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123
\101\040\122\157\157\164\040\103\101\040\062\060\062\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123
\101\040\122\157\157\164\040\103\101\040\062\060\062\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\071\312\223\034\357\103\363\306\216\223\307\364\144\211
\070\176

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\244\060\202\003\214\240\003\002\001\002\002\020\071
\312\223\034\357\103\363\306\216\223\307\364\144\211\070\176\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\154
\061\013\060\011\006\003\125\004\006\023\002\107\122\061\067\060
\065\006\003\125\004\012\014\056\110\145\154\154\145\156\151\143
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151
\157\156\163\040\103\101\061\044\060\042\006\003\125\004\003\014
\033\110\101\122\111\103\101\040\124\114\123\040\122\123\101\040
\122\157\157\164\040\103\101\040\062\060\062\061\060\036\027\015
\062\061\060\062\061\071\061\060\065\065\063\070\132\027\015\064
\065\060\062\061\063\061\060\065\065\063\067\132\060\154\061\013
\060\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006
\003\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101
\143\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145
\141\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156
\163\040\103\101\061\044\060\042\006\003\125\004\003\014\033\110
\101\122\111\103\101\040\124\114\123\040\122\123\101\040\122\157
\157\164\040\103\101\040\062\060\062\061\060\202\002\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002
\017\000\060\202\002\012\002\202\002\001\000\213\302\347\257\145
\233\005\147\226\311\015\044\271\320\016\144\374\316\342\044\030
\054\204\177\167\121\313\004\021\066\270\136\355\151\161\247\236
\344\045\011\227\147\301\107\302\317\221\026\066\142\075\070\004
\341\121\202\377\254\322\264\151\335\056\354\021\243\105\356\153
\153\073\114\277\214\215\244\036\235\021\271\351\070\371\172\016
\014\230\342\043\035\321\116\143\324\347\270\101\104\373\153\257
\153\332\037\323\305\221\210\133\244\211\222\321\201\346\214\071
\130\240\326\151\103\251\255\230\122\130\156\333\012\373\153\317

\150\372\343\244\136\072\105\163\230\007\352\137\002\162\336\014
\245\263\237\256\251\035\267\035\263\374\212\131\347\156\162\145
\255\365\060\224\043\007\363\202\026\113\065\230\234\123\273\057
\312\344\132\331\307\215\035\374\230\231\373\054\244\202\153\360
\052\037\216\013\137\161\134\134\256\102\173\051\211\201\313\003
\243\231\312\210\236\013\100\011\101\063\333\346\130\172\375\256
\231\160\300\132\017\326\023\206\161\057\166\151\374\220\335\333
\055\156\321\362\233\365\032\153\236\157\025\214\172\360\113\050
\240\042\070\200\044\154\066\244\073\362\060\221\363\170\023\317
\301\077\065\253\361\035\021\043\265\103\042\236\001\222\267\030
\002\345\021\321\202\333\025\000\314\141\067\301\052\174\232\341
\320\272\263\120\106\356\202\254\235\061\370\373\043\342\003\000
\110\160\243\011\046\171\025\123\140\363\070\134\255\070\352\201
\000\143\024\271\063\136\335\013\333\240\105\007\032\063\011\370
\115\264\247\002\246\151\364\302\131\005\210\145\205\126\256\113
\313\340\336\074\175\055\032\310\351\373\037\243\141\112\326\052
\023\255\167\114\032\030\233\221\017\130\330\006\124\305\227\370
\252\077\040\212\246\205\246\167\366\246\374\034\342\356\156\224
\063\052\203\120\204\012\345\117\206\370\120\105\170\000\201\353
\133\150\343\046\215\314\173\134\121\364\024\054\100\276\032\140
\035\172\162\141\035\037\143\055\210\252\316\242\105\220\010\374
\153\276\263\120\052\132\375\250\110\030\106\326\220\100\222\220
\012\204\136\150\061\370\353\355\015\323\035\306\175\231\030\125
\126\047\145\056\215\105\305\044\354\316\343\002\003\001\000\001
\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024
\012\110\043\246\140\244\222\012\063\352\223\133\305\127\352\045
\115\275\022\356\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\206\060\015\006\011\052\206\110\206\367\015\001\001
\013\005\000\003\202\002\001\000\076\220\110\252\156\142\025\045
\146\173\014\325\214\213\211\235\327\355\116\007\357\234\320\024
\137\136\120\275\150\226\220\244\024\021\252\150\155\011\065\071
\100\011\332\364\011\054\064\245\173\131\204\111\051\227\164\310
\007\036\107\155\362\316\034\120\046\343\236\075\100\123\077\367
\177\226\166\020\305\106\245\320\040\113\120\364\065\073\030\364
\125\152\101\033\107\006\150\074\273\011\010\142\331\137\125\102
\252\254\123\205\254\225\126\066\126\253\344\005\214\305\250\332
\037\243\151\275\123\017\304\377\334\312\343\176\362\114\210\206
\107\106\032\363\000\365\200\221\242\334\103\102\224\233\040\360
\321\315\262\353\054\123\302\123\170\112\117\004\224\101\232\217
\047\062\301\345\111\031\277\361\362\302\213\250\012\071\061\050
\264\175\142\066\054\115\354\037\063\266\176\167\155\176\120\360
\237\016\327\021\217\317\030\305\343\047\376\046\357\005\235\317
\317\067\305\320\173\332\073\260\026\204\014\072\223\326\276\027
\333\017\076\016\031\170\011\307\251\002\162\042\113\367\067\166
\272\165\304\205\003\132\143\325\261\165\005\302\271\275\224\255
\214\025\231\247\223\175\366\305\363\252\164\317\004\205\224\230
\000\364\342\371\312\044\145\277\340\142\257\310\305\372\262\311

```
\236\126\110\332\171\375\226\166\025\276\243\216\126\304\263\064
\374\276\107\364\301\264\250\374\325\060\210\150\356\313\256\311
\143\304\166\276\254\070\030\341\136\134\317\256\072\042\121\353
\321\213\263\363\053\063\007\124\207\372\264\262\023\173\272\123
\004\142\001\235\361\300\117\356\341\072\324\213\040\020\372\002
\127\346\357\301\013\267\220\106\234\031\051\214\334\157\240\112
\151\151\224\267\044\145\240\377\254\077\316\001\373\041\056\375
\150\370\233\362\245\317\061\070\134\025\252\346\227\000\301\337
\132\245\247\071\252\351\204\177\074\121\250\072\331\224\133\214
\277\117\010\161\345\333\250\134\324\322\246\376\000\243\306\026
\307\017\350\200\316\034\050\144\164\031\010\323\102\343\316\000
\135\177\261\334\023\260\341\005\313\321\040\252\206\164\236\071
\347\221\375\377\133\326\367\255\246\057\003\013\155\343\127\124
\353\166\123\030\215\021\230\272
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "HARICA TLS RSA Root CA 2021"
```

```
# Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
```

```
# Serial Number:39:ca:93:1c:ef:43:f3:c6:8e:93:c7:f4:64:89:38:7e
```

```
# Subject: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
```

```
# Not Valid Before: Fri Feb 19 10:55:38 2021
```

```
# Not Valid After : Mon Feb 13 10:55:37 2045
```

```
# Fingerprint (SHA-256):
```

```
D9:5D:0E:8E:DA:79:52:5B:F9:BE:B1:1B:14:D2:10:0D:32:94:98:5F:0C:62:D9:FA:BD:9C:D9:99:EC:CB:7B:1D
```

```
# Fingerprint (SHA1): 02:2D:05:82:FA:88:CE:14:0C:06:79:DE:7F:14:10:E9:45:D7:A5:6D
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "HARICA TLS RSA Root CA 2021"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\002\055\005\202\372\210\316\024\014\006\171\336\177\024\020\351
\105\327\245\155
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\145\107\233\130\206\335\054\360\374\242\204\037\036\226\304\221
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123
\101\040\122\157\157\164\040\103\101\040\062\060\062\061
```

```
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\071\312\223\034\357\103\363\306\216\223\307\364\144\211
\070\176
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "HARICA TLS ECC Root CA 2021"
#
# Issuer: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:67:74:9d:8d:77:d8:3b:6a:db:22:f4:ff:59:e2:bf:ce
# Subject: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:01:10 2021
# Not Valid After : Mon Feb 13 11:01:09 2045
# Fingerprint (SHA-256):
3F:99:CC:47:4A:CF:CE:4D:FE:D5:87:94:66:5E:47:8D:15:47:73:9F:2E:78:0F:1B:B4:CA:9B:13:30:97:D4:01
# Fingerprint (SHA1): BC:B0:C1:9D:E9:98:92:70:19:38:57:E9:8D:A7:B4:5D:6E:EE:01:48
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS ECC Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\105\103
\103\040\122\157\157\164\040\103\101\040\062\060\062\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\105\103
\103\040\122\157\157\164\040\103\101\040\062\060\062\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\147\164\235\215\167\330\073\152\333\042\364\377\131\342
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\277\316

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\124\060\202\001\333\240\003\002\001\002\002\020\147
\164\235\215\167\330\073\152\333\042\364\377\131\342\277\316\060
\012\006\010\052\206\110\316\075\004\003\003\060\154\061\013\060
\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006\003
\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101\143
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163
\040\103\101\061\044\060\042\006\003\125\004\003\014\033\110\101
\122\111\103\101\040\124\114\123\040\105\103\103\040\122\157\157
\164\040\103\101\040\062\060\062\061\060\036\027\015\062\061\060
\062\061\071\061\061\060\061\061\060\132\027\015\064\065\060\062
\061\063\061\061\060\061\060\071\132\060\154\061\013\060\011\006
\003\125\004\006\023\002\107\122\061\067\060\065\006\003\125\004
\012\014\056\110\145\154\154\145\156\151\143\040\101\143\141\144
\145\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143
\150\040\111\156\163\164\151\164\165\164\151\157\156\163\040\103
\101\061\044\060\042\006\003\125\004\003\014\033\110\101\122\111
\103\101\040\124\114\123\040\105\103\103\040\122\157\157\164\040
\103\101\040\062\060\062\061\060\166\060\020\006\007\052\206\110
\316\075\002\001\006\005\053\201\004\000\042\003\142\000\004\070
\010\376\261\240\226\322\172\254\257\111\072\320\300\340\303\073
\050\252\361\162\155\145\000\107\210\204\374\232\046\153\252\113
\272\154\004\012\210\136\027\362\125\207\374\060\260\064\342\064
\130\127\032\204\123\351\060\331\251\362\226\164\303\121\037\130
\111\061\314\230\116\140\021\207\165\323\162\224\220\117\233\020
\045\052\250\170\055\276\220\101\130\220\025\162\247\241\267\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\311
\033\123\201\022\376\004\325\026\321\252\274\232\157\267\240\225
\031\156\312\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\206\060\012\006\010\052\206\110\316\075\004\003\003\003
\147\000\060\144\002\060\021\336\256\370\334\116\210\260\251\360
\042\255\302\121\100\357\140\161\055\356\217\002\304\135\003\160
\111\244\222\352\305\024\210\160\246\323\015\260\252\312\054\100
\234\373\351\202\156\232\002\060\053\107\232\007\306\321\302\201
\174\312\013\226\030\101\033\243\364\060\011\236\265\043\050\015
\237\024\266\074\123\242\114\006\151\175\372\154\221\306\052\111
\105\346\354\267\023\341\072\154

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "HARICA TLS ECC Root CA 2021"

Issuer: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

```
# Serial Number:67:74:9d:8d:77:d8:3b:6a:db:22:f4:ff:59:e2:bf:ce
# Subject: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:01:10 2021
# Not Valid After : Mon Feb 13 11:01:09 2045
# Fingerprint (SHA-256):
3F:99:CC:47:4A:CF:CE:4D:FE:D5:87:94:66:5E:47:8D:15:47:73:9F:2E:78:0F:1B:B4:CA:9B:13:30:97:D4:01
# Fingerprint (SHA1): BC:B0:C1:9D:E9:98:92:70:19:38:57:E9:8D:A7:B4:5D:6E:EE:01:48
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS ECC Root CA 2021"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\274\260\301\235\351\230\222\160\031\070\127\351\215\247\264\135
\156\356\001\110
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\256\367\114\345\146\065\321\267\233\214\042\223\164\323\113\260
END
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\105\103
\103\040\122\157\157\164\040\103\101\040\062\060\062\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\147\164\235\215\167\330\073\152\333\042\364\377\131\342
\277\316
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "HARICA Client RSA Root CA 2021"
#
# Issuer: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:55:52:f8:1e:db:1b:24:2c:9e:bb:96:18:cd:02:28:3e
# Subject: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 10:58:46 2021
# Not Valid After : Mon Feb 13 10:58:45 2045
# Fingerprint (SHA-256):
1B:E7:AB:E3:06:86:B1:63:48:AF:D1:C6:1B:68:66:A0:EA:7F:48:21:E6:7D:5E:8A:F9:37:CF:80:11:BC:75:0D
# Fingerprint (SHA1): 46:C6:90:0A:77:3A:B6:BC:F4:65:AD:AC:FC:E3:F7:07:00:6E:DE:6E
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client RSA Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\125\122\370\036\333\033\044\054\236\273\226\030\315\002
\050\076
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\252\060\202\003\222\240\003\002\001\002\002\020\125
\122\370\036\333\033\044\054\236\273\226\030\315\002\050\076\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\157
\061\013\060\011\006\003\125\004\006\023\002\107\122\061\067\060
\065\006\003\125\004\012\014\056\110\145\154\154\145\156\151\143
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151
\157\156\163\040\103\101\061\047\060\045\006\003\125\004\003\014
\036\110\101\122\111\103\101\040\103\154\151\145\156\164\040\122
\123\101\040\122\157\157\164\040\103\101\040\062\060\062\061\060
\036\027\015\062\061\060\062\061\071\061\060\065\070\064\066\132
\027\015\064\065\060\062\061\063\061\060\065\070\064\065\132\060
\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061\067
\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156\151
\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122
\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164
```

\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004\003
\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164\040
\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062\061
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\201\333\127\102\220\054\164\065\364\370\270\164\031\115\253
\011\132\167\105\201\163\142\260\065\237\370\320\267\063\000\207
\023\266\226\253\016\124\022\060\007\274\233\267\110\327\321\031
\203\256\216\330\251\361\251\000\204\260\214\136\236\350\014\217
\124\151\277\366\324\010\117\046\160\376\030\101\143\032\263\062
\213\100\370\007\253\127\061\360\306\026\166\147\232\264\335\057
\362\321\153\305\320\222\204\221\161\156\017\056\143\351\037\123
\244\335\122\023\314\011\203\051\201\014\305\123\165\104\261\016
\147\123\030\320\303\037\210\113\237\224\044\264\051\274\273\350
\116\375\157\322\025\035\111\334\215\160\362\021\032\040\121\125
\021\272\210\157\304\367\120\171\326\252\061\342\204\075\136\062
\310\167\052\120\161\345\013\057\351\266\352\357\253\012\063\071
\016\375\217\245\147\103\202\216\230\151\011\011\033\100\315\070
\147\107\352\311\354\227\161\022\336\044\365\162\074\321\367\103
\114\046\367\220\262\211\351\105\113\125\075\061\005\172\101\342
\225\272\103\300\027\305\266\205\075\031\215\144\160\363\133\254
\315\237\323\051\165\207\113\225\147\152\246\370\321\335\274\220
\206\211\103\051\251\067\133\365\135\260\046\132\123\102\166\220
\053\317\236\126\154\053\124\317\134\232\145\337\133\213\110\140
\070\174\373\305\013\317\166\004\143\002\063\052\175\365\203\147
\347\372\306\103\375\053\017\324\046\057\167\244\062\301\044\352
\144\235\277\263\070\161\061\104\362\107\270\242\146\101\241\373
\233\173\274\307\106\152\165\277\132\242\214\350\152\104\301\270
\226\265\300\062\010\055\173\164\065\163\262\312\306\376\257\021
\162\030\366\347\310\302\317\245\052\352\173\326\131\350\174\240
\262\152\100\011\151\016\245\226\333\321\000\271\361\210\156\066
\360\210\262\235\361\122\362\303\174\277\060\211\074\012\151\371
\042\244\145\341\233\340\164\306\261\205\227\226\054\256\224\217
\120\246\071\022\037\276\107\362\201\170\323\165\066\236\175\132
\040\227\342\122\256\231\237\306\174\233\146\363\376\330\317\356
\275\227\006\035\055\205\334\076\066\123\226\173\040\272\350\310
\341\255\226\142\076\021\174\263\000\204\236\247\114\161\253\112
\067\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125
\035\016\004\026\004\024\240\326\007\075\136\044\367\173\240\104
\056\044\122\015\031\252\053\004\221\247\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\015\107
\371\011\146\061\122\354\171\356\302\250\362\150\076\355\226\105
\313\072\246\230\143\077\352\053\115\116\003\320\034\202\341\313
\323\345\326\253\133\147\050\274\235\376\014\231\012\200\125\247
\316\033\043\141\015\260\127\360\376\340\312\276\346\220\333\203
\054\276\203\216\364\171\266\376\320\015\102\247\130\037\151\352

\201\365\005\245\376\106\150\353\154\170\311\340\352\347\346\336
\061\305\322\325\054\202\143\050\235\135\250\032\176\210\346\347
\053\361\054\325\320\005\236\334\055\275\067\146\324\004\242\247
\255\277\072\302\250\073\255\377\215\235\063\340\271\232\204\241
\207\037\166\364\202\164\327\016\371\060\110\076\133\210\076\252
\134\153\326\057\014\350\216\163\302\030\221\203\071\266\146\132
\320\037\140\047\135\115\343\366\072\015\146\120\234\170\173\253
\363\023\020\256\017\057\253\350\144\263\030\040\235\106\065\144
\045\163\352\233\020\134\130\065\211\261\106\110\247\364\254\324
\035\236\133\314\251\245\032\023\117\044\120\252\331\033\155\261
\100\373\235\335\130\164\304\302\157\024\162\354\333\065\237\270
\124\165\105\303\246\310\032\050\065\072\256\145\362\251\230\316
\257\133\311\070\214\061\073\177\314\334\226\375\342\133\326\320
\131\364\166\272\013\313\117\203\020\307\100\320\035\140\351\052
\345\110\130\167\014\105\151\276\031\161\004\044\342\343\044\037
\112\310\301\076\231\365\226\230\070\110\045\241\025\260\033\327
\342\204\030\133\366\161\065\232\150\173\100\314\030\134\014\044
\235\324\225\365\231\252\106\352\256\254\277\364\024\031\044\350
\214\354\343\365\274\006\150\212\052\014\005\137\012\227\165\247
\334\176\300\375\327\172\030\337\060\321\070\113\037\260\230\160
\277\314\174\163\360\156\304\061\245\244\227\035\254\277\316\154
\041\112\276\047\043\147\363\006\126\201\012\221\216\266\341\003
\005\063\054\332\064\010\115\116\120\043\255\037\245\305\324\172
\376\352\011\354\247\050\140\213\106\174\265\352\233\335\117\371
\347\153\025\306\210\317\103\333\345\047\334\004\126\156\157\106
\025\361\126\055\350\134\014\163\303\043\201\070\040\313\311\014
\151\317\054\253\073\204\140\063\031\122\375\151\024\063

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "HARICA Client RSA Root CA 2021"
Issuer: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
Serial Number:55:52:f8:1e:db:1b:24:2c:9e:bb:96:18:cd:02:28:3e
Subject: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
Not Valid Before: Fri Feb 19 10:58:46 2021
Not Valid After : Mon Feb 13 10:58:45 2045
Fingerprint (SHA-256):
1B:E7:AB:E3:06:86:B1:63:48:AF:D1:C6:1B:68:66:A0:EA:7F:48:21:E6:7D:5E:8A:F9:37:CF:80:11:BC:75:0D
Fingerprint (SHA1): 46:C6:90:0A:77:3A:B6:BC:F4:65:AD:AC:FC:E3:F7:07:00:6E:DE:6E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client RSA Root CA 2021"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\106\306\220\012\167\072\266\274\364\145\255\254\374\343\367\007

```

\000\156\336\156
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\157\355\134\327\210\314\070\251\334\351\335\331\135\333\330\355
END
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\125\122\370\036\333\033\044\054\236\273\226\030\315\002
\050\076
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "HARICA Client ECC Root CA 2021"
#
# Issuer: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:31:68:d9:d8:e1:62:57:1e:d2:19:44:88:e6:10:7d:f0
# Subject: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:03:34 2021
# Not Valid After : Mon Feb 13 11:03:33 2045
# Fingerprint (SHA-256):
8D:D4:B5:37:3C:B0:DE:36:76:9C:12:33:92:80:D8:27:46:B3:AA:6C:D4:26:E7:97:A3:1B:AB:E4:27:9C:F0:0B
# Fingerprint (SHA1): BE:64:D3:DA:14:4B:D2:6B:CD:AF:8F:DB:A6:A6:72:F8:DE:26:F9:00
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client ECC Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164

```

\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\061\150\331\330\341\142\127\036\322\031\104\210\346\020
\175\360
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\132\060\202\001\341\240\003\002\001\002\002\020\061
\150\331\330\341\142\127\036\322\031\104\210\346\020\175\360\060
\012\006\010\052\206\110\316\075\004\003\003\060\157\061\013\060
\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006\003
\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101\143
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163
\040\103\101\061\047\060\045\006\003\125\004\003\014\036\110\101
\122\111\103\101\040\103\154\151\145\156\164\040\105\103\103\040
\122\157\157\164\040\103\101\040\062\060\062\061\060\036\027\015
\062\061\060\062\061\071\061\061\060\063\063\064\132\027\015\064
\065\060\062\061\063\061\061\060\063\063\063\132\060\157\061\013
\060\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006
\003\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101
\143\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145
\141\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156
\163\040\103\101\061\047\060\045\006\003\125\004\003\014\036\110
\101\122\111\103\101\040\103\154\151\145\156\164\040\105\103\103
\040\122\157\157\164\040\103\101\040\062\060\062\061\060\166\060
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000
\042\003\142\000\004\007\030\255\225\226\224\320\134\017\202\367
\052\100\372\002\311\311\075\066\246\243\004\152\301\155\225\001
\210\140\022\124\154\134\242\053\156\023\072\210\225\014\034\046
\206\066\112\211\031\267\030\336\073\350\250\120\037\312\337\133
\277\111\200\025\333\343\060\341\035\132\307\052\212\001\007\376
\155\054\064\357\050\050\227\274\301\371\127\206\225\213\065\317
\236\132\321\150\225\243\102\060\100\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\122\010\322\276\062\201\045\375\365\032\227

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\354\116\137\032\273\123\315\220\255\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\206\060\012\006\010\052\206\110
\316\075\004\003\003\003\147\000\060\144\002\060\114\061\105\106
\117\250\346\276\303\167\262\032\030\113\055\210\173\130\346\253
\224\153\104\003\260\027\377\337\202\163\104\121\054\375\223\035
\006\173\024\322\211\354\100\014\357\041\001\056\002\060\057\311
\056\132\154\054\035\331\225\340\236\260\271\134\122\174\366\370
\070\312\056\361\324\035\362\242\111\242\225\370\301\130\136\117
\376\163\012\357\061\260\253\043\130\023\214\213\336\073
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "HARICA Client ECC Root CA 2021"

Issuer: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

Serial Number:31:68:d9:d8:e1:62:57:1e:d2:19:44:88:e6:10:7d:f0

Subject: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

Not Valid Before: Fri Feb 19 11:03:34 2021

Not Valid After : Mon Feb 13 11:03:33 2045

Fingerprint (SHA-256):

8D:D4:B5:37:3C:B0:DE:36:76:9C:12:33:92:80:D8:27:46:B3:AA:6C:D4:26:E7:97:A3:1B:AB:E4:27:9C:F0:0B

Fingerprint (SHA1): BE:64:D3:DA:14:4B:D2:6B:CD:AF:8F:DB:A6:A6:72:F8:DE:26:F9:00

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "HARICA Client ECC Root CA 2021"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

```
\276\144\323\332\024\113\322\153\315\257\217\333\246\246\162\370
\336\046\371\000
```

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

```
\255\270\120\246\251\202\172\154\075\032\252\244\322\143\244\104
END
```

CKA_ISSUER MULTILINE_OCTAL

```
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062
\061
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\061\150\331\330\341\142\127\036\322\031\104\210\346\020
\175\360
```

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END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"
#
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:1b:70:e9:d2:ff:ae:6c:71
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Tue Sep 23 15:22:07 2014
# Not Valid After : Mon May 05 15:22:07 2036
# Fingerprint (SHA-256):
57:DE:05:83:EF:D2:B2:6E:03:61:DA:99:DA:9D:F4:64:8D:EF:7E:E8:44:1C:3B:72:8A:FA:9B:CD:E0:F9:B2:6A
# Fingerprint (SHA1): 0B:BE:C2:27:22:49:CB:39:AA:DB:35:5C:53:E3:8C:AE:78:FF:B6:FE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\033\160\351\322\377\256\154\161
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\024\060\202\003\374\240\003\002\001\002\002\010\033
\160\351\322\377\256\154\161\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\121\061\013\060\011\006\003\125\004
\006\023\002\105\123\061\102\060\100\006\003\125\004\003\014\071

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\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\040\106\151\162\155\141
\160\162\157\146\145\163\151\157\156\141\154\040\103\111\106\040
\101\066\062\066\063\064\060\066\070\060\036\027\015\061\064\060
\071\062\063\061\065\062\062\060\067\132\027\015\063\066\060\065
\060\065\061\065\062\062\060\067\132\060\121\061\013\060\011\006
\003\125\004\006\023\002\105\123\061\102\060\100\006\003\125\004
\003\014\071\101\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\040\106\151
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\040\103
\111\106\040\101\066\062\066\063\064\060\066\070\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\226\153
\216\352\370\373\361\242\065\340\177\114\332\340\303\122\327\175
\266\020\310\002\136\263\103\052\304\117\152\262\312\034\135\050
\232\170\021\032\151\131\127\257\265\040\102\344\213\017\346\337
\133\246\003\222\057\365\021\344\142\327\062\161\070\331\004\014
\161\253\075\121\176\017\007\337\143\005\134\351\277\224\157\301
\051\202\300\264\332\121\260\301\074\273\255\067\112\134\312\361
\113\066\016\044\253\277\303\204\167\375\250\120\364\261\347\306
\057\322\055\131\215\172\012\116\226\151\122\002\252\066\230\354
\374\372\024\203\014\067\037\311\222\067\177\327\201\055\345\304
\271\340\076\064\376\147\364\076\146\321\323\364\100\317\136\142
\064\017\160\006\076\040\030\132\316\367\162\033\045\154\223\164
\024\223\243\163\261\016\252\207\020\043\131\137\040\005\031\107
\355\150\216\222\022\312\135\374\326\053\262\222\074\040\317\341
\137\257\040\276\240\166\177\166\345\354\032\206\141\063\076\347
\173\264\077\240\017\216\242\271\152\157\271\207\046\157\101\154
\210\246\120\375\152\143\013\365\223\026\033\031\217\262\355\233
\233\311\220\365\001\014\337\031\075\017\076\070\043\311\057\217
\014\321\002\376\033\125\326\116\320\215\074\257\117\244\363\376
\257\052\323\005\235\171\010\241\313\127\061\264\234\310\220\262
\147\364\030\026\223\072\374\107\330\321\170\226\061\037\272\053
\014\137\135\231\255\143\211\132\044\040\166\330\337\375\253\116
\246\042\252\235\136\346\047\212\175\150\051\243\347\212\270\332
\021\273\027\055\231\235\023\044\106\367\305\342\330\237\216\177
\307\217\164\155\132\262\350\162\365\254\356\044\020\255\057\024
\332\377\055\232\106\161\107\276\102\337\273\001\333\364\177\323
\050\217\061\131\133\323\311\002\246\264\122\312\156\227\373\103
\305\010\046\157\212\364\273\375\237\050\252\015\325\105\363\023
\072\035\330\300\170\217\101\147\074\036\224\144\256\173\013\305
\350\331\001\210\071\032\227\206\144\101\325\073\207\014\156\372
\017\306\275\110\024\277\071\115\324\236\101\266\217\226\035\143
\226\223\331\225\006\170\061\150\236\067\006\073\200\211\105\141
\071\043\307\033\104\243\025\345\034\370\222\060\273\002\003\001
\000\001\243\201\357\060\201\354\060\035\006\003\125\035\016\004
\026\004\024\145\315\353\253\065\036\000\076\176\325\164\300\034
\264\163\107\016\032\144\057\060\022\006\003\125\035\023\001\001

\377\004\010\060\006\001\001\377\002\001\001\060\201\246\006\003
\125\035\040\004\201\236\060\201\233\060\201\230\006\004\125\035
\040\000\060\201\217\060\057\006\010\053\006\001\005\005\007\002
\001\026\043\150\164\164\160\072\057\057\167\167\167\056\146\151
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\056\143
\157\155\057\143\160\163\060\134\006\010\053\006\001\005\005\007
\002\002\060\120\036\116\000\120\000\141\000\163\000\145\000\157
\000\040\000\144\000\145\000\040\000\154\000\141\000\040\000\102
\000\157\000\156\000\141\000\156\000\157\000\166\000\141\000\040
\000\064\000\067\000\040\000\102\000\141\000\162\000\143\000\145
\000\154\000\157\000\156\000\141\000\040\000\060\000\070\000\060
\000\061\000\067\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001
\013\005\000\003\202\002\001\000\164\207\050\002\053\167\037\146
\211\144\355\217\164\056\106\034\273\250\370\370\013\035\203\266
\072\247\350\105\212\007\267\340\076\040\313\341\010\333\023\010
\370\050\241\065\262\200\263\013\121\300\323\126\232\215\063\105
\111\257\111\360\340\075\007\172\105\023\132\377\310\227\330\323
\030\054\175\226\370\335\242\145\103\160\223\220\025\272\220\337
\350\031\260\333\054\212\140\017\267\157\224\007\036\035\246\311
\205\366\275\064\370\100\170\142\020\160\072\276\175\113\071\201
\251\020\324\226\101\273\370\137\034\013\035\010\362\261\260\211
\172\362\367\240\340\304\217\213\170\265\073\130\245\043\216\117
\125\376\066\073\340\014\267\312\052\060\101\040\264\200\315\256
\374\166\146\163\250\256\156\341\174\332\003\350\224\040\346\042
\243\320\037\220\135\040\123\024\046\127\332\124\227\337\026\104
\020\001\036\210\146\217\162\070\223\335\040\267\064\276\327\361
\356\143\216\107\171\050\006\374\363\131\105\045\140\042\063\033
\243\137\250\272\052\332\032\075\315\100\352\214\356\005\025\225
\325\245\054\040\057\247\230\050\356\105\374\361\270\210\000\054
\217\102\332\121\325\234\345\023\150\161\105\103\213\236\013\041
\074\113\134\005\334\032\237\230\216\332\275\042\236\162\315\255
\012\313\314\243\147\233\050\164\304\233\327\032\074\004\130\246
\202\235\255\307\173\157\377\200\226\351\370\215\152\275\030\220
\035\377\111\032\220\122\067\223\057\074\002\135\202\166\013\121
\347\026\307\127\370\070\371\247\315\233\042\124\357\143\260\025
\155\123\145\003\112\136\112\240\262\247\216\111\000\131\070\325
\307\364\200\144\365\156\225\120\270\021\176\025\160\070\112\260
\177\320\304\062\160\300\031\377\311\070\055\024\054\146\364\102
\104\346\125\166\033\200\025\127\377\300\247\247\252\071\252\330
\323\160\320\056\272\353\224\152\372\137\064\206\347\142\265\375
\212\360\060\205\224\311\257\044\002\057\157\326\335\147\376\343
\260\125\117\004\230\117\244\101\126\342\223\320\152\350\326\363
\373\145\340\316\165\304\061\131\014\356\202\310\014\140\063\112
\031\272\204\147\047\017\274\102\135\275\044\124\015\354\035\160
\006\137\244\274\372\040\174\125

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Autoridad de Certificacion Firmaprofesional CIF A62634068"

Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

Serial Number:1b:70:e9:d2:ff:ae:6c:71

Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

Not Valid Before: Tue Sep 23 15:22:07 2014

Not Valid After : Mon May 05 15:22:07 2036

Fingerprint (SHA-256):

57:DE:05:83:EF:D2:B2:6E:03:61:DA:99:DA:9D:F4:64:8D:EF:7E:E8:44:1C:3B:72:8A:FA:9B:CD:E0:F9:B2:6A

Fingerprint (SHA1): 0B:BE:C2:27:22:49:CB:39:AA:DB:35:5C:53:E3:8C:AE:78:FF:B6:FE

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068 1"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\013\276\302\047\042\111\313\071\252\333\065\134\123\343\214\256

\170\377\266\376

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\116\156\233\124\114\312\267\372\110\344\220\261\025\113\034\243

END

CKA_ISSUER MULTILINE_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061

\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151

\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141

\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163

\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064

\060\066\070

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\033\160\351\322\377\256\154\161

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "vTrus ECC Root CA"

#

Issuer: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN

Serial Number:6e:6a:bc:59:aa:53:be:98:39:67:a2:d2:6b:a4:3b:e6:6d:1c:d6:da

Subject: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN

Not Valid Before: Tue Jul 31 07:26:44 2018

Not Valid After : Fri Jul 31 07:26:44 2043


```
# Fingerprint (SHA-256):
30:FB:BA:2C:32:23:8E:2A:98:54:7A:F9:79:31:E5:50:42:8B:9B:3F:1C:8E:EB:66:33:DC:FA:86:C5:B2:7D:D3
# Fingerprint (SHA1): F6:9C:DB:B0:FC:F6:02:13:B6:52:32:A6:A3:91:3F:16:70:DA:C3:E1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus ECC Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\103\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\103\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\156\152\274\131\252\123\276\230\071\147\242\322\153\244
\073\346\155\034\326\332
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\017\060\202\001\225\240\003\002\001\002\002\024\156
\152\274\131\252\123\276\230\071\147\242\322\153\244\073\346\155
\034\326\332\060\012\006\010\052\206\110\316\075\004\003\003\060
\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061\034
\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103\150
\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060\030
\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103\103
\040\122\157\157\164\040\103\101\060\036\027\015\061\070\060\067
\063\061\060\067\062\066\064\064\132\027\015\064\063\060\067\063
\061\060\067\062\066\064\064\132\060\107\061\013\060\011\006\003
\125\004\006\023\002\103\116\061\034\060\032\006\003\125\004\012
\023\023\151\124\162\165\163\103\150\151\156\141\040\103\157\056
\054\114\164\144\056\061\032\060\030\006\003\125\004\003\023\021
\166\124\162\165\163\040\105\103\103\040\122\157\157\164\040\103
\101\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\145\120\112\256\214\171\226
\112\252\034\010\303\243\242\315\376\131\126\101\167\375\046\224
\102\273\035\315\010\333\163\262\133\165\363\317\234\116\202\364
\277\370\141\046\205\154\326\205\133\162\160\322\375\333\142\264
```

```
\337\123\213\275\261\104\130\142\102\011\307\372\177\133\020\347
\376\100\375\300\330\303\053\062\347\160\246\267\246\040\125\035
\173\200\135\113\217\147\114\361\020\243\102\060\100\060\035\006
\003\125\035\016\004\026\004\024\230\071\315\276\330\262\214\367
\262\253\341\255\044\257\173\174\241\333\037\317\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\012\006
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\060
\127\235\335\126\361\307\343\351\270\111\120\153\233\151\303\157
\354\303\175\045\344\127\225\023\100\233\122\323\073\363\100\031
\274\046\307\055\006\236\265\173\066\237\365\045\324\143\153\000
\002\061\000\351\323\306\236\126\232\052\314\241\332\077\310\146
\053\323\130\234\040\205\372\253\221\212\160\160\021\070\140\144
\013\142\011\221\130\000\371\115\373\064\150\332\011\255\041\006
\030\224\316
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Trust for "vTrus ECC Root CA"

Issuer: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN

Serial Number:6e:6a:bc:59:aa:53:be:98:39:67:a2:d2:6b:a4:3b:e6:6d:1c:d6:da

Subject: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN

Not Valid Before: Tue Jul 31 07:26:44 2018

Not Valid After : Fri Jul 31 07:26:44 2043

Fingerprint (SHA-256):

30:FB:BA:2C:32:23:8E:2A:98:54:7A:F9:79:31:E5:50:42:8B:9B:3F:1C:8E:EB:66:33:DC:FA:86:C5:B2:7D:D3

Fingerprint (SHA1): F6:9C:DB:B0:FC:F6:02:13:B6:52:32:A6:A3:91:3F:16:70:DA:C3:E1

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "vTrus ECC Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\366\234\333\260\374\366\002\023\266\122\062\246\243\221\077\026
\160\332\303\341
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\336\113\301\365\122\214\233\103\341\076\217\125\124\027\215\205
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\103\040\122\157\157\164\040\103\101
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\156\152\274\131\252\123\276\230\071\147\242\322\153\244
\073\346\155\034\326\332
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "vTrus Root CA"
#
# Issuer: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Serial Number:43:e3:71:13:d8:b3:59:14:5d:b7:ce:8c:fd:35:fd:6f:bc:05:8d:45
# Subject: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Not Valid Before: Tue Jul 31 07:24:05 2018
# Not Valid After : Fri Jul 31 07:24:05 2043
# Fingerprint (SHA-256):
8A:71:DE:65:59:33:6F:42:6C:26:E5:38:80:D0:0D:88:A1:8D:A4:C6:A9:1F:0D:CB:61:94:E2:06:C5:C9:63:87
# Fingerprint (SHA1): 84:1A:69:FB:F5:CD:1A:25:34:13:3D:E3:F8:FC:B8:99:D0:C9:14:B7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157
\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157
\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\103\343\161\023\330\263\131\024\135\267\316\214\375\065
\375\157\274\005\215\105
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\126\060\202\003\076\240\003\002\001\002\002\024\103
\343\161\023\330\263\131\024\135\267\316\214\375\065\375\157\274

```

\005\215\105\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\103\061\013\060\011\006\003\125\004\006\023\002\103
\116\061\034\060\032\006\003\125\004\012\023\023\151\124\162\165
\163\103\150\151\156\141\040\103\157\056\054\114\164\144\056\061
\026\060\024\006\003\125\004\003\023\015\166\124\162\165\163\040
\122\157\157\164\040\103\101\060\036\027\015\061\070\060\067\063
\061\060\067\062\064\060\065\132\027\015\064\063\060\067\063\061
\060\067\062\064\060\065\132\060\103\061\013\060\011\006\003\125
\004\006\023\002\103\116\061\034\060\032\006\003\125\004\012\023
\023\151\124\162\165\163\103\150\151\156\141\040\103\157\056\054
\114\164\144\056\061\026\060\024\006\003\125\004\003\023\015\166
\124\162\165\163\040\122\157\157\164\040\103\101\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\275\125\174
\141\323\270\035\004\142\005\240\256\154\267\160\264\101\352\113
\003\136\020\077\220\132\034\213\073\260\146\213\154\110\246\034
\042\272\325\100\222\356\063\262\043\131\311\216\274\130\332\213
\236\320\031\362\057\131\306\214\143\132\272\237\243\013\260\263
\232\134\272\021\270\022\351\014\273\317\156\154\200\207\051\024
\003\054\215\044\232\310\144\203\265\152\254\023\054\063\361\237
\334\054\141\074\032\077\160\125\233\255\000\122\177\317\004\271
\376\066\372\234\300\026\256\142\376\226\114\103\176\125\024\276
\032\263\322\155\302\257\166\146\225\153\052\260\224\167\205\136
\004\017\142\035\143\165\367\153\347\313\133\232\160\354\076\147
\005\360\376\007\010\200\317\050\333\005\306\024\047\057\206\175
\360\047\336\377\346\176\063\110\347\013\036\130\321\047\053\123
\016\127\112\145\327\373\242\200\140\374\114\274\065\123\001\152
\227\162\202\257\361\035\160\350\234\365\357\136\302\154\307\107
\176\132\224\205\046\115\073\272\353\114\350\260\011\302\145\302
\235\235\011\233\116\265\227\005\254\365\006\240\367\066\005\176
\364\220\262\153\304\264\371\144\352\351\032\012\310\015\250\355
\047\311\324\347\263\271\253\202\042\220\047\075\052\350\174\220
\357\274\117\375\342\012\044\247\336\145\044\244\135\352\300\166
\060\323\167\120\370\015\004\233\224\066\001\163\312\006\130\246
\323\073\334\372\004\106\023\125\212\311\104\107\270\121\071\032
\056\350\064\342\171\313\131\112\012\177\274\246\357\037\003\147
\152\131\053\045\142\223\331\123\031\146\074\047\142\051\206\115
\244\153\356\377\324\116\272\325\264\342\216\110\132\000\031\011
\361\005\331\316\221\261\367\353\351\071\117\366\157\004\103\232
\125\365\076\005\024\275\277\263\131\264\330\216\063\204\243\220
\122\252\263\002\225\140\371\014\114\150\371\356\325\027\015\370
\161\127\265\045\344\051\356\145\135\257\321\356\074\027\013\132
\103\305\245\206\352\044\236\342\005\007\334\064\102\022\221\326
\071\164\256\114\101\202\333\362\246\110\321\263\233\363\063\252
\363\246\300\305\116\365\364\235\166\143\346\002\306\042\113\301
\225\077\120\144\054\124\345\266\360\074\051\317\127\002\003\001
\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026\004
\024\124\142\160\143\361\165\204\103\130\216\321\026\040\261\306

\254\032\274\366\211\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015
\001\001\013\005\000\003\202\002\001\000\051\272\222\111\247\255
\360\361\160\303\344\227\360\237\251\045\325\153\236\064\376\346
\032\144\366\072\153\122\262\020\170\032\237\114\332\212\332\354
\034\067\122\340\102\113\373\154\166\312\044\013\071\022\025\235
\237\021\055\374\171\144\334\340\340\365\335\340\127\311\245\262
\166\160\120\244\376\267\012\160\325\240\064\361\165\327\115\111
\272\021\321\263\330\354\202\377\353\016\304\277\144\055\175\143
\156\027\170\354\135\174\210\310\353\216\127\166\331\131\004\372
\274\122\037\105\254\360\172\200\354\354\157\166\256\221\333\020
\216\004\334\222\337\240\366\346\256\111\323\301\154\022\033\314
\051\252\371\010\245\342\067\024\312\261\270\146\357\032\202\344
\360\370\361\247\026\151\267\333\251\141\074\237\365\061\313\344
\000\106\302\057\164\261\261\327\201\356\250\046\225\274\210\257
\114\065\007\052\002\312\170\024\155\107\053\100\126\351\313\052
\140\241\147\003\240\316\214\274\260\162\147\304\061\316\333\064
\345\045\003\140\045\173\161\230\344\300\033\053\137\164\102\322
\113\305\131\010\007\207\276\305\303\177\347\226\331\341\334\050
\227\326\217\005\343\365\233\116\312\035\120\107\005\123\260\312
\071\347\205\240\211\301\005\073\001\067\323\077\111\342\167\353
\043\310\210\146\073\075\071\166\041\106\361\354\137\043\270\353
\242\146\165\164\301\100\367\330\150\232\223\342\055\251\056\275
\034\243\036\310\164\306\244\055\172\040\253\073\270\260\106\375
\157\335\137\122\125\165\142\360\227\240\174\327\070\375\045\337
\315\240\233\020\317\213\270\070\136\136\305\264\246\002\066\241
\036\137\034\317\342\226\235\051\252\375\230\256\122\341\363\101
\122\373\251\056\162\226\237\047\343\252\163\175\370\032\043\146
\173\073\253\145\260\062\001\113\025\076\075\242\117\014\053\065
\242\306\331\147\022\065\060\315\166\056\026\263\231\236\115\117
\116\055\073\064\103\341\232\016\015\244\146\227\272\322\034\112
\114\054\052\213\213\201\117\161\032\251\335\134\173\173\010\305
\000\015\067\100\343\174\173\124\137\057\205\137\166\366\367\247
\260\034\127\126\301\162\350\255\242\257\215\063\111\272\037\212
\334\346\164\174\140\206\157\207\227\173

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "vTrus Root CA"
Issuer: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
Serial Number:43:e3:71:13:d8:b3:59:14:5d:b7:ce:8c:fd:35:fd:6f:bc:05:8d:45
Subject: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
Not Valid Before: Tue Jul 31 07:24:05 2018
Not Valid After : Fri Jul 31 07:24:05 2043
Fingerprint (SHA-256):

```

8A:71:DE:65:59:33:6F:42:6C:26:E5:38:80:D0:0D:88:A1:8D:A4:C6:A9:1F:0D:CB:61:94:E2:06:C5:C9:63:87
# Fingerprint (SHA1): 84:1A:69:FB:F5:CD:1A:25:34:13:3D:E3:F8:FC:B8:99:D0:C9:14:B7
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\204\032\151\373\365\315\032\045\064\023\075\343\370\374\270\231
\320\311\024\267
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\270\311\067\337\372\153\061\204\144\305\352\021\152\033\165\374
END
CKA_ISSUER MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157
\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\103\343\161\023\330\263\131\024\135\267\316\214\375\065
\375\157\274\005\215\105
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ISRG Root X2"
#
# Issuer: CN=ISRG Root X2,O=Internet Security Research Group,C=US
# Serial Number:41:d2:9d:d1:72:ea:ee:a7:80:c1:2c:6c:e9:2f:87:52
# Subject: CN=ISRG Root X2,O=Internet Security Research Group,C=US
# Not Valid Before: Fri Sep 04 00:00:00 2020
# Not Valid After : Mon Sep 17 16:00:00 2040
# Fingerprint (SHA-256):
69:72:9B:8E:15:A8:6E:FC:17:7A:57:AF:B7:17:1D:FC:64:AD:D2:8C:2F:CA:8C:F1:50:7E:34:45:3C:CB:14:70
# Fingerprint (SHA1): BD:B1:B9:3C:D5:97:8D:45:C6:26:14:55:F8:DB:95:C7:5A:D1:53:AF
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ISRG Root X2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\101\322\235\321\162\352\356\247\200\301\054\154\351\057
\207\122

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\033\060\202\001\241\240\003\002\001\002\002\020\101
\322\235\321\162\352\356\247\200\301\054\154\351\057\207\122\060
\012\006\010\052\206\110\316\075\004\003\003\060\117\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\051\060\047\006\003
\125\004\012\023\040\111\156\164\145\162\156\145\164\040\123\145
\143\165\162\151\164\171\040\122\145\163\145\141\162\143\150\040
\107\162\157\165\160\061\025\060\023\006\003\125\004\003\023\014
\111\123\122\107\040\122\157\157\164\040\130\062\060\036\027\015
\062\060\060\071\060\064\060\060\060\060\060\132\027\015\064
\060\060\071\061\067\061\066\060\060\060\060\132\060\117\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\051\060\047\006
\003\125\004\012\023\040\111\156\164\145\162\156\145\164\040\123
\145\143\165\162\151\164\171\040\122\145\163\145\141\162\143\150
\040\107\162\157\165\160\061\025\060\023\006\003\125\004\003\023
\014\111\123\122\107\040\122\157\157\164\040\130\062\060\166\060
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000
\042\003\142\000\004\315\233\325\237\200\203\012\354\011\112\363
\026\112\076\134\317\167\254\336\147\005\015\035\007\266\334\026
\373\132\213\024\333\342\161\140\304\272\105\225\021\211\216\352
\006\337\367\052\026\034\244\271\305\305\062\340\003\340\036\202
\030\070\213\327\105\330\012\152\156\346\000\167\373\002\121\175
\042\330\012\156\232\133\167\337\360\372\101\354\071\334\165\312
\150\007\014\037\352\243\102\060\100\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\174\102\226\256\336\113\110\073\372\222\370
\236\214\317\155\213\251\162\067\225\060\012\006\010\052\206\110

```
\316\075\004\003\003\003\150\000\060\145\002\060\173\171\116\106
\120\204\302\104\207\106\033\105\160\377\130\231\336\364\375\244
\322\125\246\040\055\164\326\064\274\101\243\120\137\001\047\126
\264\276\047\165\006\257\022\056\165\230\215\374\002\061\000\213
\365\167\154\324\310\145\252\340\013\054\356\024\235\047\067\244
\371\123\245\121\344\051\203\327\370\220\061\133\102\237\012\365
\376\256\000\150\347\214\111\017\266\157\133\133\025\362\347
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "ISRG Root X2"
```

```
# Issuer: CN=ISRG Root X2,O=Internet Security Research Group,C=US
```

```
# Serial Number:41:d2:9d:d1:72:ea:ee:a7:80:c1:2c:6c:e9:2f:87:52
```

```
# Subject: CN=ISRG Root X2,O=Internet Security Research Group,C=US
```

```
# Not Valid Before: Fri Sep 04 00:00:00 2020
```

```
# Not Valid After : Mon Sep 17 16:00:00 2040
```

```
# Fingerprint (SHA-256):
```

```
69:72:9B:8E:15:A8:6E:FC:17:7A:57:AF:B7:17:1D:FC:64:AD:D2:8C:2F:CA:8C:F1:50:7E:34:45:3C:CB:14:70
```

```
# Fingerprint (SHA1): BD:B1:B9:3C:D5:97:8D:45:C6:26:14:55:F8:DB:95:C7:5A:D1:53:AF
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ISRG Root X2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\275\261\271\074\325\227\215\105\306\046\024\125\370\333\225\307
\132\321\123\257
```

```
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\323\236\304\036\043\074\246\337\317\243\176\155\340\024\346\345
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\062
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\101\322\235\321\162\352\356\247\200\301\054\154\351\057
\207\122
```

```
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```


CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "HiPKI Root CA - G1"

#

Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW

Serial Number:2d:dd:ac:ce:62:97:94:a1:43:e8:b0:cd:76:6a:5e:60

Subject: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW

Not Valid Before: Fri Feb 22 09:46:04 2019

Not Valid After : Thu Dec 31 15:59:59 2037

Fingerprint (SHA-256):

F0:15:CE:3C:C2:39:BF:EF:06:4B:E9:F1:D2:C4:17:E1:A0:26:4A:0A:94:BE:1F:0C:8D:12:18:64:EB:69:49:CC

Fingerprint (SHA1): 6A:92:E4:A8:EE:1B:EC:96:45:37:E3:29:57:49:CD:96:E3:E5:D2:60

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "HiPKI Root CA - G1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110
\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107
\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110
\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107
\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\055\335\254\316\142\227\224\241\103\350\260\315\166\152
\136\140

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\152\060\202\003\122\240\003\002\001\002\002\020\055
\335\254\316\142\227\224\241\103\350\260\315\166\152\136\140\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\117
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164
\144\056\061\033\060\031\006\003\125\004\003\014\022\110\151\120

\113\111\040\122\157\157\164\040\103\101\040\055\040\107\061\060
\036\027\015\061\071\060\062\062\062\060\071\064\066\060\064\132
\027\015\063\067\061\062\063\061\061\065\065\071\065\071\132\060
\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043
\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167
\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114
\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110\151
\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107\061
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\364\036\177\122\163\062\014\163\344\275\023\164\243\324\060
\250\320\256\113\330\266\337\165\107\146\364\174\347\071\004\036
\152\160\040\322\132\107\162\147\125\364\245\350\235\325\036\041
\241\360\147\272\314\041\150\276\104\123\277\215\371\342\334\057
\125\310\067\077\037\244\300\234\263\344\167\134\240\106\376\167
\372\032\240\070\352\355\232\162\336\053\275\224\127\072\272\354
\171\347\137\175\102\144\071\172\046\066\367\044\360\325\057\272
\225\230\021\146\255\227\065\326\165\001\200\340\257\364\204\141
\214\015\036\137\174\207\226\136\101\257\353\207\352\370\135\361
\056\210\005\076\114\042\273\332\037\052\335\122\106\144\071\363
\102\316\331\236\014\263\260\167\227\144\234\300\364\243\056\037
\225\007\260\027\337\060\333\000\030\226\114\241\201\113\335\004
\155\123\243\075\374\007\254\324\305\067\202\353\344\225\010\031
\050\202\322\102\072\243\330\123\354\171\211\140\110\140\310\162
\222\120\334\003\217\203\077\262\102\127\132\333\152\351\021\227
\335\205\050\274\060\114\253\343\302\261\105\104\107\037\340\212
\026\007\226\322\041\017\123\300\355\251\176\324\116\354\233\011
\354\257\102\254\060\326\277\321\020\105\340\246\026\262\245\305
\323\117\163\224\063\161\002\241\152\243\326\063\227\117\041\143
\036\133\217\331\301\136\105\161\167\017\201\135\137\041\232\255
\203\314\372\136\326\215\043\137\033\075\101\257\040\165\146\132
\112\366\237\373\253\030\367\161\300\266\035\061\354\073\040\353
\313\342\270\365\256\222\262\367\341\204\113\362\242\362\223\232
\042\236\323\024\157\066\124\275\037\136\131\025\271\163\250\301
\174\157\173\142\351\026\154\107\132\145\363\016\021\233\106\331
\375\155\334\326\234\300\264\175\245\260\335\077\126\157\241\371
\366\344\022\110\375\006\177\022\127\266\251\043\117\133\003\303
\340\161\052\043\267\367\260\261\073\274\230\275\326\230\250\014
\153\366\216\022\147\246\362\262\130\344\002\011\023\074\251\273
\020\264\322\060\105\361\354\367\000\021\337\145\370\334\053\103
\125\277\026\227\304\017\325\054\141\204\252\162\206\376\346\072
\176\302\077\175\356\374\057\024\076\346\205\335\120\157\267\111
\355\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125
\035\016\004\026\004\024\362\167\027\372\136\250\376\366\075\161
\325\150\272\311\106\014\070\330\257\260\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\120\121

\360\165\334\160\004\343\377\252\165\324\161\242\313\236\217\250
\251\323\257\165\307\124\317\072\034\004\231\042\254\304\021\342
\357\063\112\246\043\035\016\015\107\330\067\307\157\257\064\177
\117\201\153\065\117\351\162\245\061\342\170\347\367\116\224\030
\133\100\175\317\153\041\124\206\346\225\172\373\306\312\352\234
\110\116\127\011\135\057\254\364\245\264\227\063\130\325\254\171
\251\314\137\371\205\372\122\305\215\370\221\024\353\072\015\027
\320\122\302\173\343\302\163\216\106\170\006\070\054\350\134\332
\146\304\364\244\360\126\031\063\051\132\145\222\005\107\106\112
\253\204\303\036\047\241\037\021\222\231\047\165\223\017\274\066
\073\227\127\217\046\133\014\273\234\017\324\156\060\007\324\334
\137\066\150\146\071\203\226\047\046\212\310\304\071\376\232\041
\157\325\162\206\351\177\142\345\227\116\320\044\320\100\260\320
\165\010\216\275\150\356\010\327\156\174\020\160\106\033\174\340
\210\262\236\162\206\231\001\343\277\237\111\031\264\045\276\126
\145\256\027\143\345\036\337\350\377\107\245\277\341\046\005\204
\344\260\300\257\347\010\231\250\014\136\046\200\105\324\370\150
\057\226\217\256\342\112\034\234\026\014\023\157\070\207\366\273
\310\064\137\222\003\121\171\160\246\337\313\365\231\115\171\315
\116\274\127\237\103\116\153\056\053\030\370\152\163\214\272\305
\065\357\071\152\101\036\317\161\250\242\262\206\007\133\072\311
\341\357\077\145\004\200\107\062\104\160\225\116\061\147\152\164
\133\020\105\165\352\260\237\320\346\065\376\116\237\213\314\053
\222\105\133\156\045\140\205\106\315\321\252\260\166\146\223\167
\226\276\203\276\070\266\044\116\046\013\314\355\172\126\032\340
\351\132\306\144\255\114\172\000\110\104\057\271\100\273\023\076
\276\025\170\235\205\201\112\052\127\336\325\031\103\332\333\312
\133\107\206\203\013\077\266\015\166\170\163\171\042\136\261\200
\037\317\276\321\077\126\020\230\053\225\207\241\037\235\144\024
\140\071\054\263\000\125\056\344\365\263\016\127\304\221\101\000
\234\077\350\245\337\352\366\377\310\360\255\155\122\250\027\253
\233\141\374\022\121\065\344\045\375\257\252\152\206\071

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "HiPKI Root CA - G1"

Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW

Serial Number:2d:dd:ac:ce:62:97:94:a1:43:e8:b0:cd:76:6a:5e:60

Subject: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW

Not Valid Before: Fri Feb 22 09:46:04 2019

Not Valid After : Thu Dec 31 15:59:59 2037

Fingerprint (SHA-256):

F0:15:CE:3C:C2:39:BF:EF:06:4B:E9:F1:D2:C4:17:E1:A0:26:4A:0A:94:BE:1F:0C:8D:12:18:64:EB:69:49:CC

Fingerprint (SHA1): 6A:92:E4:A8:EE:1B:EC:96:45:37:E3:29:57:49:CD:96:E3:E5:D2:60

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HiPKI Root CA - G1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\152\222\344\250\356\033\354\226\105\067\343\051\127\111\315\226
\343\345\322\140
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\151\105\337\026\145\113\350\150\232\217\166\137\377\200\236\323
END
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110
\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\055\335\254\316\142\227\224\241\103\350\260\315\166\152
\136\140
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign ECC Root CA - R4"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Serial Number:02:03:e5:7e:f5:3f:93:fd:a5:09:21:b2:a6
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
B0:85:D7:0B:96:4F:19:1A:73:E4:AF:0D:54:AE:7A:0E:07:AA:FD:AF:9B:71:DD:08:62:13:8A:B7:32:5A:24:A2
# Fingerprint (SHA1): 6B:A0:B0:98:E1:71:EF:5A:AD:FE:48:15:80:77:10:F4:BD:6F:0B:28
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004

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\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\015\002\003\345\176\365\077\223\375\245\011\041\262\246

END

CKA_VALUE MULTILINE_OCTAL

\060\202\001\334\060\202\001\203\240\003\002\001\002\002\015\002
\003\345\176\365\077\223\375\245\011\041\262\246\060\012\006\010
\052\206\110\316\075\004\003\002\060\120\061\044\060\042\006\003
\125\004\013\023\033\107\154\157\142\141\154\123\151\147\156\040
\105\103\103\040\122\157\157\164\040\103\101\040\055\040\122\064
\061\023\060\021\006\003\125\004\012\023\012\107\154\157\142\141
\154\123\151\147\156\061\023\060\021\006\003\125\004\003\023\012
\107\154\157\142\141\154\123\151\147\156\060\036\027\015\061\062
\061\061\061\063\060\060\060\060\060\060\132\027\015\063\070\060
\061\061\071\060\063\061\064\060\067\132\060\120\061\044\060\042
\006\003\125\004\013\023\033\107\154\157\142\141\154\123\151\147
\156\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040
\122\064\061\023\060\021\006\003\125\004\012\023\012\107\154\157
\142\141\154\123\151\147\156\061\023\060\021\006\003\125\004\003
\023\012\107\154\157\142\141\154\123\151\147\156\060\131\060\023
\006\007\052\206\110\316\075\002\001\006\010\052\206\110\316\075
\003\001\007\003\102\000\004\270\306\171\323\217\154\045\016\237
\056\071\031\034\003\244\256\232\345\071\007\011\026\312\143\261
\271\206\370\212\127\301\127\316\102\372\163\241\367\145\102\377
\036\301\000\262\156\163\016\377\307\041\345\030\244\252\331\161
\077\250\324\271\316\214\035\243\102\060\100\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\206\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
\125\035\016\004\026\004\024\124\260\173\255\105\270\342\100\177
\373\012\156\373\276\063\311\074\243\204\325\060\012\006\010\052
\206\110\316\075\004\003\002\003\107\000\060\104\002\040\042\117
\164\162\271\140\257\361\346\234\240\026\005\120\137\303\136\073
\156\141\164\357\276\001\304\276\030\110\131\141\202\062\002\040
\046\235\124\143\100\336\067\140\120\317\310\330\355\235\202\256
\067\230\274\243\217\114\114\251\064\053\154\357\373\225\233\046

END

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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "GlobalSign ECC Root CA - R4"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Serial Number:02:03:e5:7e:f5:3f:93:fd:a5:09:21:b2:a6
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
B0:85:D7:0B:96:4F:19:1A:73:E4:AF:0D:54:AE:7A:0E:07:AA:FD:AF:9B:71:DD:08:62:13:8A:B7:32:5A:24:A2
# Fingerprint (SHA1): 6B:A0:B0:98:E1:71:EF:5A:AD:FE:48:15:80:77:10:F4:BD:6F:0B:28
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\153\240\260\230\341\161\357\132\255\376\110\025\200\167\020\364
\275\157\013\050
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\046\051\370\155\341\210\277\242\145\177\252\304\315\017\177\374
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\176\365\077\223\375\245\011\041\262\246
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R1"
#
# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:93:6f:31:b0:13:49:88:6b:a2:17
# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016

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Not Valid After : Sun Jun 22 00:00:00 2036

Fingerprint (SHA-256):

D9:47:43:2A:BD:E7:B7:FA:90:FC:2E:6B:59:10:1B:12:80:E0:E1:C7:E4:E4:0F:A3:C6:88:7F:FF:57:A7:F4:CF

Fingerprint (SHA1): E5:8C:1C:C4:91:3B:38:63:4B:E9:10:6E:E3:AD:8E:6B:9D:D9:81:4A

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GTS Root R1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061

END

CKA_ID UTF8 ""

CKA_ISSUER MULTILINE_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\015\002\003\345\223\157\061\260\023\111\210\153\242\027

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\127\060\202\003\077\240\003\002\001\002\002\015\002
\003\345\223\157\061\260\023\111\210\153\242\027\060\015\006\011
\052\206\110\206\367\015\001\001\014\005\000\060\107\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003
\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157
\164\040\122\061\060\036\027\015\061\066\060\066\062\062\060\060
\060\060\060\060\132\027\015\063\066\060\066\062\062\060\060\060
\060\060\060\132\060\107\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003
\023\013\107\124\123\040\122\157\157\164\040\122\061\060\202\002
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\266\021
\002\213\036\343\241\167\233\073\334\277\224\076\267\225\247\100
\074\241\375\202\371\175\062\006\202\161\366\366\214\177\373\350
\333\274\152\056\227\227\243\214\113\371\053\366\261\371\316\204

\035\261\371\305\227\336\357\271\362\243\351\274\022\211\136\247
\252\122\253\370\043\047\313\244\261\234\143\333\327\231\176\360
\012\136\353\150\246\364\306\132\107\015\115\020\063\343\116\261
\023\243\310\030\154\113\354\374\011\220\337\235\144\051\045\043
\007\241\264\322\075\056\140\340\317\322\011\207\273\315\110\360
\115\302\302\172\210\212\273\272\317\131\031\326\257\217\260\007
\260\236\061\361\202\301\300\337\056\246\155\154\031\016\265\330
\176\046\032\105\003\075\260\171\244\224\050\255\017\177\046\345
\250\010\376\226\350\074\150\224\123\356\203\072\210\053\025\226
\011\262\340\172\214\056\165\326\234\353\247\126\144\217\226\117
\150\256\075\227\302\204\217\300\274\100\300\013\134\275\366\207
\263\065\154\254\030\120\177\204\340\114\315\222\323\040\351\063
\274\122\231\257\062\265\051\263\045\052\264\110\371\162\341\312
\144\367\346\202\020\215\350\235\302\212\210\372\070\146\212\374
\143\371\001\371\170\375\173\134\167\372\166\207\372\354\337\261
\016\171\225\127\264\275\046\357\326\001\321\353\026\012\273\216
\013\265\305\305\212\125\253\323\254\352\221\113\051\314\031\244
\062\045\116\052\361\145\104\320\002\316\252\316\111\264\352\237
\174\203\260\100\173\347\103\253\247\154\243\217\175\211\201\372
\114\245\377\325\216\303\316\113\340\265\330\263\216\105\317\166
\300\355\100\053\375\123\017\260\247\325\073\015\261\212\242\003
\336\061\255\314\167\352\157\173\076\326\337\221\042\022\346\276
\372\330\062\374\020\143\024\121\162\336\135\326\026\223\275\051
\150\063\357\072\146\354\007\212\046\337\023\327\127\145\170\047
\336\136\111\024\000\242\000\177\232\250\041\266\251\261\225\260
\245\271\015\026\021\332\307\154\110\074\100\340\176\015\132\315
\126\074\321\227\005\271\313\113\355\071\113\234\304\077\322\125
\023\156\044\260\326\161\372\364\301\272\314\355\033\365\376\201
\101\330\000\230\075\072\310\256\172\230\067\030\005\225\002\003
\001\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004
\026\004\024\344\257\053\046\161\032\053\110\047\205\057\122\146
\054\357\360\211\023\161\076\060\015\006\011\052\206\110\206\367
\015\001\001\014\005\000\003\202\002\001\000\237\252\102\046\333
\013\233\276\377\036\226\222\056\076\242\145\112\152\230\272\042
\313\175\301\072\330\202\012\006\306\366\245\336\300\116\207\146
\171\241\371\246\130\234\252\371\265\346\140\347\340\350\261\036
\102\101\063\013\067\075\316\211\160\025\312\265\044\250\317\153
\265\322\100\041\230\317\042\064\317\073\305\042\204\340\305\016
\212\174\135\210\344\065\044\316\233\076\032\124\036\156\333\262
\207\247\374\363\372\201\125\024\142\012\131\251\042\005\061\076
\202\326\356\333\127\064\274\063\225\323\027\033\350\047\242\213
\173\116\046\032\172\132\144\266\321\254\067\361\375\240\363\070
\354\162\360\021\165\235\313\064\122\215\346\166\153\027\306\337
\206\253\047\216\111\053\165\146\201\020\041\246\352\076\364\256
\045\377\174\025\336\316\214\045\077\312\142\160\012\367\057\011
\146\007\310\077\034\374\360\333\105\060\337\142\210\301\265\017

\235\303\237\112\336\131\131\107\305\207\042\066\346\202\247\355
\012\271\342\007\240\215\173\172\112\074\161\322\342\003\241\037
\062\007\335\033\344\102\316\014\000\105\141\200\265\013\040\131
\051\170\275\371\125\313\143\305\074\114\364\266\377\333\152\137
\061\153\231\236\054\301\153\120\244\327\346\030\024\275\205\077
\147\253\106\237\240\377\102\247\072\177\134\313\135\260\160\035
\053\064\365\324\166\011\014\353\170\114\131\005\363\063\102\303
\141\025\020\033\167\115\316\042\214\324\205\362\105\175\267\123
\352\357\100\132\224\012\134\040\137\116\100\135\142\042\166\337
\377\316\141\275\214\043\170\322\067\002\340\216\336\321\021\067
\211\366\277\355\111\007\142\256\222\354\100\032\257\024\011\331
\320\116\262\242\367\276\356\356\330\377\334\032\055\336\270\066
\161\342\374\171\267\224\045\321\110\163\133\241\065\347\263\231
\147\165\301\031\072\053\107\116\323\102\216\375\061\310\026\146
\332\322\014\074\333\263\216\311\241\015\200\017\173\026\167\024
\277\377\333\011\224\262\223\274\040\130\025\351\333\161\103\363
\336\020\303\000\334\250\052\225\266\302\326\077\220\153\166\333
\154\376\214\274\362\160\065\014\334\231\031\065\334\327\310\106
\143\325\066\161\256\127\373\267\202\155\334

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "GTS Root R1"

Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US

Serial Number:02:03:e5:93:6f:31:b0:13:49:88:6b:a2:17

Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US

Not Valid Before: Wed Jun 22 00:00:00 2016

Not Valid After : Sun Jun 22 00:00:00 2036

Fingerprint (SHA-256):

D9:47:43:2A:BD:E7:B7:FA:90:FC:2E:6B:59:10:1B:12:80:E0:E1:C7:E4:E4:0F:A3:C6:88:7F:FF:57:A7:F4:CF

Fingerprint (SHA1): E5:8C:1C:C4:91:3B:38:63:4B:E9:10:6E:E3:AD:8E:6B:9D:D9:81:4A

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GTS Root R1"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\345\214\034\304\221\073\070\143\113\351\020\156\343\255\216\153
\235\331\201\112

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\005\376\320\277\161\250\243\166\143\332\001\340\330\122\334\100

END

CKA_ISSUER MULTILINE_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145

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\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\223\157\061\260\023\111\210\153\242\027
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R2"
#
# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:ae:c5:8d:04:25:1a:ab:11:25:aa
# Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
8D:25:CD:97:22:9D:BF:70:35:6B:DA:4E:B3:CC:73:40:31:E2:4C:F0:0F:AF:CF:D3:2D:C7:6E:B5:84:1C:7E:A8
# Fingerprint (SHA1): 9A:44:49:76:32:DB:DE:FA:D0:BC:FB:5A:7B:17:BD:9E:56:09:24:94
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\256\305\215\004\045\032\253\021\045\252
END
CKA_VALUE MULTILINE_OCTAL

```

\060\202\005\127\060\202\003\077\240\003\002\001\002\002\015\002
\003\345\256\305\215\004\045\032\253\021\045\252\060\015\006\011
\052\206\110\206\367\015\001\001\014\005\000\060\107\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003
\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157
\164\040\122\062\060\036\027\015\061\066\060\066\062\062\060\060
\060\060\060\060\132\027\015\063\066\060\066\062\062\060\060\060
\060\060\060\132\060\107\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003
\023\013\107\124\123\040\122\157\157\164\040\122\062\060\202\002
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\316\336
\375\246\373\354\354\024\064\074\007\006\132\154\131\367\031\065
\335\367\301\235\125\252\323\315\073\244\223\162\357\012\372\155
\235\366\360\205\200\133\241\110\122\237\071\305\267\356\050\254
\357\313\166\150\024\271\337\255\001\154\231\037\304\042\035\237
\376\162\167\340\054\133\257\344\004\277\117\162\240\032\064\230
\350\071\150\354\225\045\173\166\241\346\151\271\205\031\275\211
\214\376\255\355\066\352\163\274\377\203\342\313\175\301\322\316
\112\263\215\005\236\213\111\223\337\301\133\320\156\136\360\056
\060\056\202\374\372\274\264\027\012\110\345\210\233\305\233\153
\336\260\312\264\003\360\332\364\220\270\145\144\367\134\114\255
\350\176\146\136\231\327\270\302\076\310\320\023\235\255\356\344
\105\173\211\125\367\212\037\142\122\204\022\263\302\100\227\343
\212\037\107\221\246\164\132\322\370\261\143\050\020\270\263\011
\270\126\167\100\242\046\230\171\306\376\337\045\356\076\345\240
\177\324\141\017\121\113\074\077\214\332\341\160\164\330\302\150
\241\371\301\014\351\241\342\177\273\125\074\166\006\356\152\116
\314\222\210\060\115\232\275\117\013\110\232\204\265\230\243\325
\373\163\301\127\141\335\050\126\165\023\256\207\216\347\014\121
\011\020\165\210\114\274\215\371\173\074\324\042\110\037\052\334
\353\153\273\104\261\313\063\161\062\106\257\255\112\361\214\350
\164\072\254\347\032\042\163\200\322\060\367\045\102\307\042\073
\073\022\255\226\056\306\303\166\007\252\040\267\065\111\127\351
\222\111\350\166\026\162\061\147\053\226\176\212\243\307\224\126
\042\277\152\113\176\001\041\262\043\062\337\344\232\104\155\131
\133\135\365\000\240\034\233\306\170\227\215\220\377\233\310\252
\264\257\021\121\071\136\331\373\147\255\325\133\021\235\062\232
\033\275\325\272\133\245\311\313\045\151\123\125\047\134\340\312
\066\313\210\141\373\036\267\320\313\356\026\373\323\246\114\336
\222\245\324\342\337\365\006\124\336\056\235\113\264\223\060\252
\201\316\335\032\334\121\163\015\117\160\351\345\266\026\041\031
\171\262\346\211\013\165\144\312\325\253\274\011\301\030\241\377
\324\124\241\205\074\375\024\044\003\262\207\323\244\267\002\003

\001\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004
\026\004\024\273\377\312\216\043\237\117\231\312\333\342\150\246
\245\025\047\027\036\331\016\060\015\006\011\052\206\110\206\367
\015\001\001\014\005\000\003\202\002\001\000\037\312\316\335\307
\276\241\237\331\047\114\013\334\027\230\021\152\210\336\075\346
\161\126\162\262\236\032\116\234\325\053\230\044\135\233\153\173
\260\063\202\011\275\337\045\106\352\230\236\266\033\376\203\074
\322\142\141\301\004\355\316\340\305\311\310\023\023\125\347\250
\143\255\214\173\001\376\167\060\341\316\150\233\005\370\022\356
\171\061\240\101\105\065\050\012\161\244\044\117\214\334\074\202
\007\137\146\334\175\020\376\014\141\263\005\225\356\341\256\201
\017\250\370\307\217\115\250\043\002\046\153\035\203\122\125\316
\265\057\000\312\200\100\340\341\164\254\140\365\207\200\235\256
\066\144\221\135\260\150\030\352\212\141\311\167\250\227\304\311
\307\245\374\125\113\363\360\177\271\145\075\047\150\320\314\153
\372\123\235\341\221\032\311\135\032\226\155\062\207\355\003\040
\310\002\316\132\276\331\352\375\262\115\304\057\033\337\137\172
\365\370\213\306\356\061\072\045\121\125\147\215\144\062\173\351
\236\303\202\272\052\055\351\036\264\340\110\006\242\374\147\257
\037\042\002\163\373\040\012\257\235\124\113\241\315\377\140\107
\260\077\135\357\033\126\275\227\041\226\055\012\321\136\235\070
\002\107\154\271\364\366\043\045\270\240\152\232\053\167\010\372
\304\261\050\220\046\130\010\074\342\176\252\327\075\157\272\061
\210\012\005\353\047\265\241\111\356\240\105\124\173\346\047\145
\231\040\041\250\243\274\373\030\226\273\122\157\014\355\203\121
\114\351\131\342\040\140\305\302\145\222\202\214\363\020\037\016
\212\227\276\167\202\155\077\217\035\135\274\111\047\275\314\117
\017\341\316\166\206\004\043\305\300\214\022\133\375\333\204\240
\044\361\110\377\144\174\320\276\134\026\321\357\231\255\300\037
\373\313\256\274\070\042\006\046\144\332\332\227\016\077\050\025
\104\250\117\000\312\360\232\314\317\164\152\264\076\074\353\225
\354\265\323\132\330\201\231\351\103\030\067\353\263\273\321\130
\142\101\363\146\322\217\252\170\225\124\040\303\132\056\164\053
\325\321\276\030\151\300\254\325\244\317\071\272\121\204\003\145
\351\142\300\142\376\330\115\125\226\342\320\021\372\110\064\021
\354\236\355\005\035\344\310\326\035\206\313

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Trust for "GTS Root R2"

Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US

Serial Number:02:03:e5:ae:c5:8d:04:25:1a:ab:11:25:aa

Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US

Not Valid Before: Wed Jun 22 00:00:00 2016

```

# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
8D:25:CD:97:22:9D:BF:70:35:6B:DA:4E:B3:CC:73:40:31:E2:4C:F0:0F:AF:CF:D3:2D:C7:6E:B5:84:1C:7E:A8
# Fingerprint (SHA1): 9A:44:49:76:32:DB:DE:FA:D0:BC:FB:5A:7B:17:BD:9E:56:09:24:94
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\232\104\111\166\062\333\336\372\320\274\373\132\173\027\275\236
\126\011\044\224
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\036\071\300\123\346\036\051\202\013\312\122\125\066\135\127\334
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\256\305\215\004\045\032\253\021\045\252
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R3"
#
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:b8:82:eb:20:f8:25:27:6d:3d:66
# Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
34:D8:A7:3E:E2:08:D9:BC:DB:0D:95:65:20:93:4B:4E:40:E6:94:82:59:6E:8B:6F:73:C8:42:6B:01:0A:6F:48
# Fingerprint (SHA1): ED:E5:71:80:2B:C8:92:B9:5B:83:3C:D2:32:68:3F:09:CD:A0:1E:46
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA_SUBJECT MULTILINE_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\015\002\003\345\270\202\353\040\370\045\047\155\075\146

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\011\060\202\001\216\240\003\002\001\002\002\015\002
\003\345\270\202\353\040\370\045\047\155\075\146\060\012\006\010
\052\206\110\316\075\004\003\003\060\107\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012
\023\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123
\145\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006
\003\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122
\063\060\036\027\015\061\066\060\066\062\062\060\060\060\060\060
\060\132\027\015\063\066\060\066\062\062\060\060\060\060\060\060
\132\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154
\145\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163
\040\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107
\124\123\040\122\157\157\164\040\122\063\060\166\060\020\006\007
\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142
\000\004\037\117\063\207\063\051\212\241\204\336\313\307\041\130
\101\211\352\126\235\053\113\205\306\035\114\047\274\177\046\121
\162\157\342\237\326\243\312\314\105\024\106\213\255\357\176\206
\214\354\261\176\057\377\251\161\235\030\204\105\004\101\125\156
\053\352\046\177\273\220\001\343\113\031\272\344\124\226\105\011
\261\325\154\221\104\255\204\023\216\232\214\015\200\014\062\366
\340\047\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\301\361\046\272\240\055\256\205\201\317\323\361\052\022
\275\270\012\147\375\274\060\012\006\010\052\206\110\316\075\004
\003\003\003\151\000\060\146\002\061\000\366\341\040\225\024\173
\124\243\220\026\021\277\204\310\352\157\153\027\236\036\106\230
\040\233\237\323\015\331\254\323\057\315\174\370\133\056\125\273

```
\277\335\222\367\244\014\334\061\341\242\002\061\000\374\227\146
\146\345\103\026\023\203\335\307\337\057\276\024\070\355\001\316
\261\027\032\021\165\351\275\003\217\046\176\204\345\311\140\246
\225\327\124\131\267\347\021\054\211\324\271\356\027
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Trust for "GTS Root R3"

Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US

Serial Number:02:03:e5:b8:82:eb:20:f8:25:27:6d:3d:66

Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US

Not Valid Before: Wed Jun 22 00:00:00 2016

Not Valid After : Sun Jun 22 00:00:00 2036

Fingerprint (SHA-256):

34:D8:A7:3E:E2:08:D9:BC:DB:0D:95:65:20:93:4B:4E:40:E6:94:82:59:6E:8B:6F:73:C8:42:6B:01:0A:6F:48

Fingerprint (SHA1): ED:E5:71:80:2B:C8:92:B9:5B:83:3C:D2:32:68:3F:09:CD:A0:1E:46

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GTS Root R3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\355\345\161\200\053\310\222\271\133\203\074\322\062\150\077\011
\315\240\036\106
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\076\347\235\130\002\224\106\121\224\345\340\042\112\213\347\163
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\015\002\003\345\270\202\353\040\370\045\047\155\075\146
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

Certificate "GTS Root R4"

#

```
# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:c0:68:ef:63:1a:9c:72:90:50:52
# Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
34:9D:FA:40:58:C5:E2:63:12:3B:39:8A:E7:95:57:3C:4E:13:13:C8:3F:E6:8F:93:55:6C:D5:E8:03:1B:3C:7D
# Fingerprint (SHA1): 77:D3:03:67:B5:E0:0C:15:F6:0C:38:61:DF:7C:E1:3B:92:46:4D:47
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\300\150\357\143\032\234\162\220\120\122
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\011\060\202\001\216\240\003\002\001\002\002\015\002
\003\345\300\150\357\143\032\234\162\220\120\122\060\012\006\010
\052\206\110\316\075\004\003\003\060\107\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012
\023\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123
\145\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006
\003\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122
\064\060\036\027\015\061\066\060\066\062\062\060\060\060\060\060
\060\132\027\015\063\066\060\066\062\062\060\060\060\060\060\060
\132\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154
\145\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163
\040\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107
\124\123\040\122\157\157\164\040\122\064\060\166\060\020\006\007
\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142
```



```
\000\004\363\164\163\247\150\213\140\256\103\270\065\305\201\060
\173\113\111\235\373\301\141\316\346\336\106\275\153\325\141\030
\065\256\100\335\163\367\211\221\060\132\353\074\356\205\174\242
\100\166\073\251\306\270\107\330\052\347\222\221\152\163\351\261
\162\071\237\051\237\242\230\323\137\136\130\206\145\017\241\204
\145\006\321\334\213\311\307\163\310\214\152\057\345\304\253\321
\035\212\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\200\114\326\353\164\377\111\066\243\325\330\374\265\076
\305\152\360\224\035\214\060\012\006\010\052\206\110\316\075\004
\003\003\003\151\000\060\146\002\061\000\350\100\377\203\336\003
\364\237\256\035\172\247\056\271\257\117\366\203\035\016\055\205
\001\035\321\331\152\354\017\302\257\307\136\126\136\134\325\034
\130\042\050\013\367\060\266\057\261\174\002\061\000\360\141\074
\247\364\240\202\343\041\325\204\035\163\206\234\055\257\312\064
\233\361\237\271\043\066\342\274\140\003\235\200\263\232\126\310
\341\342\273\024\171\312\315\041\324\224\265\111\103
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Trust for "GTS Root R4"

Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US

Serial Number:02:03:e5:c0:68:ef:63:1a:9c:72:90:50:52

Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US

Not Valid Before: Wed Jun 22 00:00:00 2016

Not Valid After : Sun Jun 22 00:00:00 2036

Fingerprint (SHA-256):

34:9D:FA:40:58:C5:E2:63:12:3B:39:8A:E7:95:57:3C:4E:13:13:C8:3F:E6:8F:93:55:6C:D5:E8:03:1B:3C:7D

Fingerprint (SHA1): 77:D3:03:67:B5:E0:0C:15:F6:0C:38:61:DF:7C:E1:3B:92:46:4D:47

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GTS Root R4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\167\323\003\147\265\340\014\025\366\014\070\141\337\174\341\073
\222\106\115\107
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\103\226\203\167\031\115\166\263\235\145\122\344\035\042\245\350
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
```

```

\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\300\150\357\143\032\234\162\220\120\122
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Telia Root CA v2"
#
# Issuer: CN=Telia Root CA v2,O=Telia Finland Oyj,C=FI
# Serial Number:01:67:5f:27:d6:fe:7a:e3:e4:ac:be:09:5b:05:9e
# Subject: CN=Telia Root CA v2,O=Telia Finland Oyj,C=FI
# Not Valid Before: Thu Nov 29 11:55:54 2018
# Not Valid After : Sun Nov 29 11:55:54 2043
# Fingerprint (SHA-256):
24:2B:69:74:2F:CB:1E:5B:2A:BF:98:89:8B:94:57:21:87:54:4E:5B:4D:99:11:78:65:73:62:1F:6A:74:B8:2C
# Fingerprint (SHA1): B9:99:CD:D1:73:50:8A:C4:47:05:08:9C:8C:88:FB:BE:A0:2B:40:CD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Telia Root CA v2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\032\060\030\006\003\125\004\012\014\021\124\145\154\151\141\040
\106\151\156\154\141\156\144\040\117\171\152\061\031\060\027\006
\003\125\004\003\014\020\124\145\154\151\141\040\122\157\157\164
\040\103\101\040\166\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\032\060\030\006\003\125\004\012\014\021\124\145\154\151\141\040
\106\151\156\154\141\156\144\040\117\171\152\061\031\060\027\006
\003\125\004\003\014\020\124\145\154\151\141\040\122\157\157\164
\040\103\101\040\166\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\017\001\147\137\047\326\376\172\343\344\254\276\011\133\005
\236
END
CKA_VALUE MULTILINE_OCTAL

```

\060\202\005\164\060\202\003\134\240\003\002\001\002\002\017\001
\147\137\047\326\376\172\343\344\254\276\011\133\005\236\060\015
\006\011\052\206\110\206\367\015\001\001\013\005\000\060\104\061
\013\060\011\006\003\125\004\006\023\002\106\111\061\032\060\030
\006\003\125\004\012\014\021\124\145\154\151\141\040\106\151\156
\154\141\156\144\040\117\171\152\061\031\060\027\006\003\125\004
\003\014\020\124\145\154\151\141\040\122\157\157\164\040\103\101
\040\166\062\060\036\027\015\061\070\061\061\062\071\061\061\065
\065\065\064\132\027\015\064\063\061\061\062\071\061\061\065\065
\065\064\132\060\104\061\013\060\011\006\003\125\004\006\023\002
\106\111\061\032\060\030\006\003\125\004\012\014\021\124\145\154
\151\141\040\106\151\156\154\141\156\144\040\117\171\152\061\031
\060\027\006\003\125\004\003\014\020\124\145\154\151\141\040\122
\157\157\164\040\103\101\040\166\062\060\202\002\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017
\000\060\202\002\012\002\202\002\001\000\262\320\077\007\274\342
\173\320\153\231\370\342\167\151\347\316\235\244\003\274\202\155
\241\376\201\145\037\114\047\254\216\000\272\026\173\353\060\152
\000\300\263\164\150\176\262\257\307\325\142\263\172\077\120\312
\214\066\104\044\143\322\066\351\014\205\366\103\166\325\114\241
\140\162\147\342\050\063\245\313\061\270\072\042\043\064\270\175
\275\126\042\100\235\352\364\173\003\255\150\374\262\201\117\230
\320\164\352\215\345\175\315\143\303\243\366\336\222\302\130\031
\340\226\273\305\304\251\075\245\164\226\376\257\371\211\252\275
\225\027\124\330\170\104\361\014\167\025\222\340\230\102\247\244
\326\252\040\222\315\301\240\263\226\262\072\204\102\215\175\325
\225\344\326\333\351\142\304\130\263\171\305\214\323\065\063\203
\237\165\241\122\047\141\070\361\131\075\216\120\340\275\171\074
\347\154\226\376\136\331\002\145\264\216\134\320\021\064\337\135
\277\122\247\201\000\303\177\231\105\231\025\325\027\310\012\123
\354\143\363\231\175\314\151\022\206\302\027\360\001\236\277\204
\274\321\122\313\033\222\146\316\244\123\345\241\277\304\333\011
\326\346\211\126\053\310\343\174\336\343\377\211\345\065\156\050
\350\154\013\043\121\251\045\005\353\110\370\335\261\312\372\154
\010\121\357\267\030\154\104\312\046\341\163\306\211\006\201\345
\212\254\260\342\051\306\271\044\263\153\104\021\364\245\103\302
\114\103\345\160\066\214\266\063\127\172\225\056\202\240\364\134
\020\263\141\203\366\002\005\206\056\174\055\154\334\003\106\156
\065\223\325\172\225\057\336\040\330\133\176\224\220\004\152\272
\131\075\004\005\165\235\067\242\016\056\075\353\301\244\122\203
\376\320\153\324\146\216\334\306\351\022\116\035\052\127\252\020
\274\174\136\202\175\246\246\311\362\055\271\365\027\047\255\321
\016\211\124\053\225\372\300\255\035\230\024\170\063\102\206\012
\251\163\265\373\164\015\267\033\060\031\304\132\016\034\047\267
\332\030\320\377\212\310\005\272\361\252\034\242\067\267\346\110
\244\106\054\224\352\250\166\142\107\213\020\123\007\110\127\154
\342\222\115\266\256\005\313\334\301\112\136\217\254\075\031\116
\302\355\140\165\053\333\301\312\102\325\002\003\001\000\001\243

\143\060\141\060\037\006\003\125\035\043\004\030\060\026\200\024
\162\254\344\063\171\252\105\207\366\375\254\035\236\326\307\057
\206\330\044\071\060\035\006\003\125\035\016\004\026\004\024\162
\254\344\063\171\252\105\207\366\375\254\035\236\326\307\057\206
\330\044\071\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001
\013\005\000\003\202\002\001\000\240\073\131\247\011\224\076\066
\204\322\176\057\071\245\226\227\372\021\255\374\147\363\161\011
\362\262\211\204\147\104\257\271\357\355\226\354\234\144\333\062
\060\157\147\232\254\176\137\262\253\001\066\176\201\372\344\204
\136\322\254\066\340\153\142\305\175\113\016\202\155\322\166\142
\321\376\227\370\237\060\174\030\371\264\122\167\202\035\166\333
\323\035\251\360\301\232\000\275\155\165\330\175\347\372\307\070
\243\234\160\350\106\171\003\257\056\164\333\165\370\156\123\014
\003\310\231\032\211\065\031\074\323\311\124\174\250\360\054\346
\156\007\171\157\152\341\346\352\221\202\151\012\035\303\176\131
\242\236\153\106\025\230\133\323\257\106\035\142\310\316\200\122
\111\021\077\311\004\022\303\023\174\077\073\212\226\333\074\240
\036\012\264\213\124\262\044\147\015\357\202\313\276\074\175\321
\342\177\256\026\326\126\130\271\332\040\261\203\025\241\357\212
\115\062\157\101\057\023\122\202\224\327\032\301\170\242\121\335
\053\160\155\267\032\371\367\260\340\147\227\126\333\174\141\123
\011\003\050\002\100\307\263\330\375\234\160\152\306\050\303\205
\351\342\355\032\223\240\336\113\230\242\204\076\005\167\001\226
\075\373\264\040\017\234\162\002\172\022\057\325\243\272\121\170
\257\052\053\104\145\116\265\375\012\350\301\315\171\207\141\053
\336\200\127\105\277\147\361\233\221\136\245\244\354\131\110\020
\015\070\307\260\372\303\104\155\004\365\170\120\034\222\226\133
\332\365\270\056\272\133\317\345\360\152\235\113\057\130\163\055
\117\055\304\034\076\364\263\077\253\025\016\073\031\101\212\244
\301\127\022\146\161\114\372\123\343\127\353\142\225\011\236\124
\335\321\302\074\127\074\275\070\255\230\144\267\270\003\232\123
\126\140\135\263\330\102\033\134\113\022\212\034\353\353\175\306
\172\151\307\047\177\244\370\213\362\344\224\146\207\113\351\224
\007\011\022\171\212\262\353\164\004\334\316\364\104\131\340\026
\312\305\054\130\327\074\173\317\142\206\152\120\175\065\066\146
\247\373\067\347\050\307\330\320\255\245\151\224\217\350\301\337
\044\370\033\007\061\207\201\330\135\366\350\050\330\112\122\200
\254\023\356\120\024\036\230\307

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Trust for "Telia Root CA v2"
Issuer: CN=Telia Root CA v2,O=Telia Finland Oyj,C=FI
Serial Number:01:67:5f:27:d6:fe:7a:e3:e4:ac:be:09:5b:05:9e

```

# Subject: CN=Telia Root CA v2,O=Telia Finland Oyj,C=FI
# Not Valid Before: Thu Nov 29 11:55:54 2018
# Not Valid After : Sun Nov 29 11:55:54 2043
# Fingerprint (SHA-256):
24:2B:69:74:2F:CB:1E:5B:2A:BF:98:89:8B:94:57:21:87:54:4E:5B:4D:99:11:78:65:73:62:1F:6A:74:B8:2C
# Fingerprint (SHA1): B9:99:CD:D1:73:50:8A:C4:47:05:08:9C:8C:88:FB:BE:A0:2B:40:CD
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Telia Root CA v2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\271\231\315\321\163\120\212\304\107\005\010\234\214\210\373\276
\240\053\100\315
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\016\217\254\252\202\337\205\261\364\334\020\034\374\231\331\110
END
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\032\060\030\006\003\125\004\012\014\021\124\145\154\151\141\040
\106\151\156\154\141\156\144\040\117\171\152\061\031\060\027\006
\003\125\004\003\014\020\124\145\154\151\141\040\122\157\157\164
\040\103\101\040\166\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\017\001\147\137\047\326\376\172\343\344\254\276\011\133\005
\236
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST BR Root CA 1 2020"
#
# Issuer: CN=D-TRUST BR Root CA 1 2020,O=D-Trust GmbH,C=DE
# Serial Number:7c:c9:8f:2b:84:d7:df:ea:0f:c9:65:9a:d3:4b:4d:96
# Subject: CN=D-TRUST BR Root CA 1 2020,O=D-Trust GmbH,C=DE
# Not Valid Before: Tue Feb 11 09:45:00 2020
# Not Valid After : Sun Feb 11 09:44:59 2035
# Fingerprint (SHA-256):
E5:9A:AA:81:60:09:C2:2B:FF:5B:25:BA:D3:7D:F3:06:F0:49:79:7C:1F:81:D8:5A:B0:89:E6:57:BD:8F:00:44
# Fingerprint (SHA1): 1F:5B:98:F0:E3:B5:F7:74:3C:ED:E6:B0:36:7D:32:CD:F4:09:41:67
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST BR Root CA 1 2020"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023
\031\104\055\124\122\125\123\124\040\102\122\040\122\157\157\164
\040\103\101\040\061\040\062\060\062\060
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023
\031\104\055\124\122\125\123\124\040\102\122\040\122\157\157\164
\040\103\101\040\061\040\062\060\062\060
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\174\311\217\053\204\327\337\352\017\311\145\232\323\113
\115\226
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\333\060\202\002\140\240\003\002\001\002\002\020\174
\311\217\053\204\327\337\352\017\311\145\232\323\113\115\226\060
\012\006\010\052\206\110\316\075\004\003\003\060\110\061\013\060
\011\006\003\125\004\006\023\002\104\105\061\025\060\023\006\003
\125\004\012\023\014\104\055\124\162\165\163\164\040\107\155\142
\110\061\042\060\040\006\003\125\004\003\023\031\104\055\124\122
\125\123\124\040\102\122\040\122\157\157\164\040\103\101\040\061
\040\062\060\062\060\060\036\027\015\062\060\060\062\061\061\060
\071\064\065\060\060\132\027\015\063\065\060\062\061\061\060\071
\064\064\065\071\132\060\110\061\013\060\011\006\003\125\004\006
\023\002\104\105\061\025\060\023\006\003\125\004\012\023\014\104
\055\124\162\165\163\164\040\107\155\142\110\061\042\060\040\006
\003\125\004\003\023\031\104\055\124\122\125\123\124\040\102\122
\040\122\157\157\164\040\103\101\040\061\040\062\060\062\060\060
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201
\004\000\042\003\142\000\004\306\313\307\050\321\373\204\365\232
\357\102\024\040\341\103\153\156\165\255\374\053\003\204\324\166
\223\045\327\131\073\101\145\153\036\346\064\052\273\164\366\022
\316\350\155\347\253\344\074\116\077\104\010\213\315\026\161\313
\277\222\231\364\244\327\074\120\124\122\220\205\203\170\224\147
\147\243\034\011\031\075\165\064\205\336\355\140\175\307\014\264
\101\122\271\156\345\356\102\243\202\001\015\060\202\001\011\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\163\221\020\253\377
\125\263\132\174\011\045\325\262\272\010\240\153\253\037\155\060
```

```
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060
\201\306\006\003\125\035\037\004\201\276\060\201\273\060\076\240
\074\240\072\206\070\150\164\164\160\072\057\057\143\162\154\056
\144\055\164\162\165\163\164\056\156\145\164\057\143\162\154\057
\144\055\164\162\165\163\164\137\142\162\137\162\157\157\164\137
\143\141\137\061\137\062\060\062\060\056\143\162\154\060\171\240
\167\240\165\206\163\154\144\141\160\072\057\057\144\151\162\145
\143\164\157\162\171\056\144\055\164\162\165\163\164\056\156\145
\164\057\103\116\075\104\055\124\122\125\123\124\045\062\060\102
\122\045\062\060\122\157\157\164\045\062\060\103\101\045\062\060
\061\045\062\060\062\060\062\060\054\117\075\104\055\124\162\165
\163\164\045\062\060\107\155\142\110\054\103\075\104\105\077\143
\145\162\164\151\146\151\143\141\164\145\162\145\166\157\143\141
\164\151\157\156\154\151\163\164\060\012\006\010\052\206\110\316
\075\004\003\003\003\151\000\060\146\002\061\000\224\220\055\023
\372\341\143\370\141\143\350\255\205\170\124\221\234\270\223\070
\076\032\101\332\100\026\123\102\010\312\057\216\361\076\201\126
\300\252\330\355\030\304\260\256\364\076\372\046\002\061\000\363
\050\342\306\333\053\231\373\267\121\270\044\243\244\224\172\032
\077\346\066\342\003\127\063\212\060\313\202\307\326\024\021\325
\165\143\133\024\225\234\037\001\317\330\325\162\247\017\073
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "D-TRUST BR Root CA 1 2020"
```

```
# Issuer: CN=D-TRUST BR Root CA 1 2020,O=D-Trust GmbH,C=DE
```

```
# Serial Number:7c:c9:8f:2b:84:d7:df:ea:0f:c9:65:9a:d3:4b:4d:96
```

```
# Subject: CN=D-TRUST BR Root CA 1 2020,O=D-Trust GmbH,C=DE
```

```
# Not Valid Before: Tue Feb 11 09:45:00 2020
```

```
# Not Valid After : Sun Feb 11 09:44:59 2035
```

```
# Fingerprint (SHA-256):
```

```
E5:9A:AA:81:60:09:C2:2B:FF:5B:25:BA:D3:7D:F3:06:F0:49:79:7C:1F:81:D8:5A:B0:89:E6:57:BD:8F:00:44
```

```
# Fingerprint (SHA1): 1F:5B:98:F0:E3:B5:F7:74:3C:ED:E6:B0:36:7D:32:CD:F4:09:41:67
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "D-TRUST BR Root CA 1 2020"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\037\133\230\360\343\265\367\164\074\355\346\260\066\175\062\315
\364\011\101\147
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\265\252\113\325\355\367\343\125\056\217\162\012\363\165\270\355
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023
\031\104\055\124\122\125\123\124\040\102\122\040\122\157\157\164
\040\103\101\040\061\040\062\060\062\060
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\174\311\217\053\204\327\337\352\017\311\145\232\323\113
\115\226
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

Certificate "D-TRUST EV Root CA 1 2020"

#

Issuer: CN=D-TRUST EV Root CA 1 2020,O=D-Trust GmbH,C=DE

Serial Number:5f:02:41:d7:7a:87:7c:4c:03:a3:ac:96:8d:fb:ff:d0

Subject: CN=D-TRUST EV Root CA 1 2020,O=D-Trust GmbH,C=DE

Not Valid Before: Tue Feb 11 10:00:00 2020

Not Valid After : Sun Feb 11 09:59:59 2035

Fingerprint (SHA-256):

08:17:0D:1A:A3:64:53:90:1A:2F:95:92:45:E3:47:DB:0C:8D:37:AB:AA:BC:56:B8:1A:A1:00:DC:95:89:70:DB

Fingerprint (SHA1): 61:DB:8C:21:59:69:03:90:D8:7C:9C:12:86:54:CF:9D:3D:F4:DD:07

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "D-TRUST EV Root CA 1 2020"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023
\031\104\055\124\122\125\123\124\040\105\126\040\122\157\157\164
\040\103\101\040\061\040\062\060\062\060
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023
\031\104\055\124\122\125\123\124\040\105\126\040\122\157\157\164
\040\103\101\040\061\040\062\060\062\060
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\137\002\101\327\172\207\174\114\003\243\254\226\215\373
\377\320

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\333\060\202\002\140\240\003\002\001\002\002\020\137
\002\101\327\172\207\174\114\003\243\254\226\215\373\377\320\060
\012\006\010\052\206\110\316\075\004\003\003\060\110\061\013\060
\011\006\003\125\004\006\023\002\104\105\061\025\060\023\006\003
\125\004\012\023\014\104\055\124\162\165\163\164\040\107\155\142
\110\061\042\060\040\006\003\125\004\003\023\031\104\055\124\122
\125\123\124\040\105\126\040\122\157\157\164\040\103\101\040\061
\040\062\060\062\060\060\036\027\015\062\060\060\062\061\061\061
\060\060\060\060\060\132\027\015\063\065\060\062\061\061\060\071
\065\071\065\071\132\060\110\061\013\060\011\006\003\125\004\006
\023\002\104\105\061\025\060\023\006\003\125\004\012\023\014\104
\055\124\162\165\163\164\040\107\155\142\110\061\042\060\040\006
\003\125\004\003\023\031\104\055\124\122\125\123\124\040\105\126
\040\122\157\157\164\040\103\101\040\061\040\062\060\062\060\060
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201
\004\000\042\003\142\000\004\361\013\335\206\103\040\031\337\227
\205\350\042\112\233\317\235\230\277\264\005\046\311\313\343\246
\322\217\305\236\170\173\061\211\251\211\255\047\074\145\020\202
\374\337\303\235\116\360\063\043\304\322\062\365\034\260\337\063
\027\135\305\360\261\212\371\357\271\267\024\312\051\112\302\017
\251\177\165\145\111\052\060\147\364\144\367\326\032\167\332\303
\302\227\141\102\173\111\255\243\202\001\015\060\202\001\011\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\177\020\001\026\067
\072\244\050\344\120\370\244\367\354\153\062\266\376\351\213\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060
\201\306\006\003\125\035\037\004\201\276\060\201\273\060\076\240
\074\240\072\206\070\150\164\164\160\072\057\057\143\162\154\056
\144\055\164\162\165\163\164\056\156\145\164\057\143\162\154\057
\144\055\164\162\165\163\164\137\145\166\137\162\157\157\164\137
\143\141\137\061\137\062\060\062\060\056\143\162\154\060\171\240
\167\240\165\206\163\154\144\141\160\072\057\057\144\151\162\145
\143\164\157\162\171\056\144\055\164\162\165\163\164\056\156\145
\164\057\103\116\075\104\055\124\122\125\123\124\045\062\060\105
\126\045\062\060\122\157\157\164\045\062\060\103\101\045\062\060
\061\045\062\060\062\060\062\060\054\117\075\104\055\124\162\165
\163\164\045\062\060\107\155\142\110\054\103\075\104\105\077\143
\145\162\164\151\146\151\143\141\164\145\162\145\166\157\143\141
\164\151\157\156\154\151\163\164\060\012\006\010\052\206\110\316
\075\004\003\003\003\151\000\060\146\002\061\000\312\074\306\052
\165\302\136\165\142\071\066\000\140\132\213\301\223\231\314\331
\333\101\073\073\207\231\027\073\325\314\117\312\042\367\240\200
\313\371\264\261\033\126\365\162\322\374\031\321\002\061\000\221
\367\060\223\077\020\106\053\161\244\320\073\104\233\300\051\002

```

\005\262\101\167\121\363\171\132\236\216\024\240\116\102\322\133
\201\363\064\152\003\347\042\070\120\133\355\031\117\103\026
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "D-TRUST EV Root CA 1 2020"
# Issuer: CN=D-TRUST EV Root CA 1 2020,O=D-Trust GmbH,C=DE
# Serial Number:5f:02:41:d7:7a:87:7c:4c:03:a3:ac:96:8d:fb:ff:d0
# Subject: CN=D-TRUST EV Root CA 1 2020,O=D-Trust GmbH,C=DE
# Not Valid Before: Tue Feb 11 10:00:00 2020
# Not Valid After : Sun Feb 11 09:59:59 2035
# Fingerprint (SHA-256):
08:17:0D:1A:A3:64:53:90:1A:2F:95:92:45:E3:47:DB:0C:8D:37:AB:AA:BC:56:B8:1A:A1:00:DC:95:89:70:DB
# Fingerprint (SHA1): 61:DB:8C:21:59:69:03:90:D8:7C:9C:12:86:54:CF:9D:3D:F4:DD:07
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST EV Root CA 1 2020"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\141\333\214\041\131\151\003\220\330\174\234\022\206\124\317\235
\075\364\335\007
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\214\055\235\160\237\110\231\021\006\021\373\351\313\060\300\156
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\023\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\042\060\040\006\003\125\004\003\023
\031\104\055\124\122\125\123\124\040\105\126\040\122\157\157\164
\040\103\101\040\061\040\062\060\062\060
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\137\002\101\327\172\207\174\114\003\243\254\226\215\373
\377\320
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "CAEDICOM Root"
# Issuer: C=ES,O=EDICOM,CN=CAEDICOM Root
# Serial Number:fb:71:26:58:ad:99:e5

```

```
# Subject: C=ES,O=EDICOM,CN=CAEDICOM Root
# Not Valid Before: Wed May 21 11:06:35 2014
# Not Valid After: Sun May 21 10:20:00 2034
# Fingerprint (MD5): cd:d5:a1:fe:28:31:9c:13:be:d5:c1:e8:cf:56:f0:76
# Fingerprint (SHA1): 55:9b:ba:7b:0f:fe:80:d6:d3:82:9b:1f:d0:7a:a4:d3:22:19:47:90
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CAEDICOM Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\066\061\026\060\024\006\003\125\004\003\014\015\103\101\105
\104\111\103\117\115\040\122\157\157\164\061\017\060\015\006\003
\125\004\012\014\006\105\104\111\103\117\115\061\013\060\011\006
\003\125\004\006\023\002\105\123
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\066\061\026\060\024\006\003\125\004\003\014\015\103\101\105
\104\111\103\117\115\040\122\157\157\164\061\017\060\015\006\003
\125\004\012\014\006\105\104\111\103\117\115\061\013\060\011\006
\003\125\004\006\023\002\105\123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\000\373\161\046\130\255\231\345
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\121\060\202\003\071\240\003\002\001\002\002\010\000
\373\161\046\130\255\231\345\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\066\061\026\060\024\006\003\125\004
\003\014\015\103\101\105\104\111\103\117\115\040\122\157\157\164
\061\017\060\015\006\003\125\004\012\014\006\105\104\111\103\117
\115\061\013\060\011\006\003\125\004\006\023\002\105\123\060\036
\027\015\061\064\060\065\062\061\061\061\060\066\063\065\132\027
\015\063\064\060\065\062\061\061\060\062\060\060\060\132\060\066
\061\026\060\024\006\003\125\004\003\014\015\103\101\105\104\111
\103\117\115\040\122\157\157\164\061\017\060\015\006\003\125\004
\012\014\006\105\104\111\103\117\115\061\013\060\011\006\003\125
\004\006\023\002\105\123\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\333\200\312\350\111\164\307\323\070
\056\361\305\043\142\374\066\214\057\036\176\071\013\351\006\364
\125\233\245\230\051\224\355\206\107\062\203\363\305\222\172\005
\327\051\002\076\026\303\050\177\065\144\051\172\171\273\241\342
\036\141\024\215\347\000\320\334\242\124\145\212\337\151\271\161
\107\177\070\070\026\106\247\151\061\021\065\114\341\052\177\377
\155\117\225\075\343\135\110\115\031\123\010\132\153\041\325\022
```

\060\151\227\220\257\055\301\365\177\101\137\111\066\217\115\270
\036\032\225\137\332\017\157\134\025\065\304\021\274\137\205\233
\275\255\073\125\136\273\337\316\273\257\134\231\140\335\037\151
\032\111\110\041\371\011\012\317\162\247\360\362\336\345\170\031
\276\022\335\315\207\171\101\316\057\105\327\013\221\020\021\004
\036\022\235\362\070\003\137\026\151\256\240\012\332\300\371\353
\240\015\030\017\171\136\221\235\344\037\024\234\064\023\031\002
\104\272\121\303\356\171\262\140\024\243\257\274\110\055\050\070
\150\001\103\144\312\016\206\203\142\320\212\031\246\047\361\053
\173\113\051\041\133\232\314\150\102\020\310\113\117\017\043\262
\210\174\304\134\156\027\160\305\167\257\225\300\045\244\042\012
\323\174\371\330\162\310\320\055\275\247\350\322\055\213\114\241
\156\012\374\264\100\063\273\232\153\374\244\352\311\376\340\064
\210\103\314\306\274\077\165\322\245\251\257\372\227\271\076\267
\316\124\240\115\300\135\056\301\050\330\143\124\162\270\254\132
\365\072\373\040\141\006\072\364\240\053\070\253\314\203\014\111
\324\156\076\155\017\076\163\057\066\346\363\117\263\300\000\321
\105\111\133\214\366\243\230\035\204\177\231\012\303\352\012\074
\303\323\044\170\110\147\365\033\073\016\035\016\103\261\004\165
\301\240\071\166\213\366\331\002\245\035\341\236\133\007\273\066
\127\112\041\115\371\211\151\264\154\017\327\257\240\025\044\231
\347\370\327\123\224\354\022\277\244\245\327\355\356\216\065\167
\167\334\246\177\040\124\222\326\143\326\162\236\115\052\266\217
\163\363\031\241\304\260\037\346\064\243\013\000\076\227\111\047
\141\252\252\004\101\063\070\265\120\121\314\066\025\333\037\377
\275\312\110\203\110\247\263\002\003\001\000\001\243\143\060\141
\060\035\006\003\125\035\016\004\026\004\024\024\315\052\131\170
\143\253\141\031\350\270\075\241\340\132\300\165\347\371\313\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\037\006\003\125\035\043\004\030\060\026\200\024\024\315\052
\131\170\143\253\141\031\350\270\075\241\340\132\300\165\347\371
\313\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\003\202\002\001\000\075\011\031\000\266\221\002\154\354\016\367
\341\342\142\260\277\063\015\375\125\022\364\010\232\367\053\055
\256\367\234\107\330\037\006\001\023\265\216\347\262\202\013\075
\204\131\103\324\007\330\053\134\020\172\044\054\312\215\350\325
\243\071\234\061\314\353\340\072\341\325\277\317\307\207\173\140
\377\107\071\327\243\104\326\010\046\133\317\132\124\354\210\323
\216\017\171\074\310\243\117\246\302\216\047\360\336\022\256\136
\031\255\347\042\126\212\130\062\340\371\006\320\251\052\264\065
\233\014\206\046\121\000\224\107\120\374\245\304\045\141\371\130
\360\105\160\056\111\166\177\021\326\157\265\371\051\005\341\015
\303\116\130\037\257\035\354\067\320\112\371\006\006\201\323\333
\240\226\270\016\221\060\171\346\120\337\210\270\013\251\134\324
\007\364\311\250\314\175\217\223\143\011\144\000\005\052\150\146
\103\273\242\273\376\225\256\371\304\245\012\210\142\110\170\045
\174\052\077\021\144\246\323\042\040\107\235\062\326\362\343\310

```
\244\141\164\347\202\302\104\272\240\321\135\137\274\361\104\016
\203\117\034\120\205\304\351\347\154\374\346\270\125\341\242\032
\200\267\220\104\247\204\042\227\107\042\336\253\070\067\317\265
\362\034\076\102\160\273\165\266\145\050\153\313\177\202\065\252
\366\363\040\170\050\163\007\226\060\160\245\052\161\134\241\171
\244\026\271\106\075\136\264\000\111\205\211\323\016\337\201\256
\130\215\130\326\341\305\104\170\056\034\040\273\242\107\227\277
\166\024\073\251\050\217\237\013\165\322\241\074\355\053\307\216
\220\241\172\242\231\060\142\374\205\035\065\163\073\363\265\131
\042\033\315\010\261\014\235\165\152\333\205\073\016\207\237\062
\117\222\000\001\001\114\111\150\202\200\101\154\371\375\161\275
\213\364\170\012\140\243\236\261\122\035\300\212\343\236\305\277
\053\031\152\230\247\261\336\025\120\237\252\224\045\217\251\200
\202\247\162\272\111\144\011\047\141\053\156\274\043\050\063\135
\236\156\360\271\275\040\062\214\335\240\013\231\273\264\204\004
\044\165\051\226\367\247\245\027\270\121\005\353\164\255\121\171
\226\374\273\373\337\011\055\010\222\104\316\300\322\263\030\307
\024\042\277\041\361
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "CAEDICOM Root"
# Issuer: C=ES,O=EDICOM,CN=CAEDICOM Root
# Serial Number:fb:71:26:58:ad:99:e5
# Subject: C=ES,O=EDICOM,CN=CAEDICOM Root
# Not Valid Before: Wed May 21 11:06:35 2014
# Not Valid After: Sun May 21 10:20:00 2034
# Fingerprint (MD5): cd:d5:a1:fe:28:31:9c:13:be:d5:c1:e8:cf:56:f0:76
# Fingerprint (SHA1): 55:9b:ba:7b:0f:fe:80:d6:d3:82:9b:1f:d0:7a:a4:d3:22:19:47:90
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CAEDICOM Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\125\233\272\173\017\376\200\326\323\202\233\037\320\172\244\323
\042\031\107\220
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\325\241\376\050\061\234\023\276\325\301\350\317\126\360\166
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\066\061\026\060\024\006\003\125\004\003\014\015\103\101\105
\104\111\103\117\115\040\122\157\157\164\061\017\060\015\006\003
\125\004\012\014\006\105\104\111\103\117\115\061\013\060\011\006
```

```

\003\125\004\006\023\002\105\123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\000\373\161\046\130\255\231\345
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "I.CA Root CA/RSA"
# Issuer: 2.5.4.5=NTRCZ-26439395,CN=I.CA Root CA/RSA,O=První certifikační autorita\, a.s.,C=CZ
# Serial Number:05:f5:e1:00
# Subject: 2.5.4.5=NTRCZ-26439395,CN=I.CA Root CA/RSA,O=První certifikační autorita\, a.s.,C=CZ
# Not Valid Before: Wed May 27 12:20:00 2015
# Not Valid After: Sun May 27 12:20:00 2040
# Fingerprint (MD5): 34:ba:8d:c4:33:9a:b5:27:ee:bd:5b:7c:7d:82:97:7f
# Fingerprint (SHA1): 9b:09:59:89:81:54:08:1b:f6:a9:0e:9b:9e:58:a4:69:0c:9b:a1:04
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "I.CA Root CA/RSA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\160\061\013\060\011\006\003\125\004\006\023\002\103\132\061
\055\060\053\006\003\125\004\012\014\044\120\162\166\156\303\255
\040\143\145\162\164\151\146\151\153\141\304\215\156\303\255\040
\141\165\164\157\162\151\164\141\054\040\141\056\163\056\061\031
\060\027\006\003\125\004\003\014\020\111\056\103\101\040\122\157
\157\164\040\103\101\057\122\123\101\061\027\060\025\006\003\125
\004\005\023\016\116\124\122\103\132\055\062\066\064\063\071\063
\071\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\160\061\013\060\011\006\003\125\004\006\023\002\103\132\061
\055\060\053\006\003\125\004\012\014\044\120\162\166\156\303\255
\040\143\145\162\164\151\146\151\153\141\304\215\156\303\255\040
\141\165\164\157\162\151\164\141\054\040\141\056\163\056\061\031
\060\027\006\003\125\004\003\014\020\111\056\103\101\040\122\157
\157\164\040\103\101\057\122\123\101\061\027\060\025\006\003\125
\004\005\023\016\116\124\122\103\132\055\062\066\064\063\071\063
\071\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\005\365\341\000

```

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\176\060\202\004\146\240\003\002\001\002\002\004\005
\365\341\000\060\015\006\011\052\206\110\206\367\015\001\001\015
\005\000\060\160\061\013\060\011\006\003\125\004\006\023\002\103
\132\061\055\060\053\006\003\125\004\012\014\044\120\162\166\156
\303\255\040\143\145\162\164\151\146\151\153\141\304\215\156\303
\255\040\141\165\164\157\162\151\164\141\054\040\141\056\163\056
\061\031\060\027\006\003\125\004\003\014\020\111\056\103\101\040
\122\157\157\164\040\103\101\057\122\123\101\061\027\060\025\006
\003\125\004\005\023\016\116\124\122\103\132\055\062\066\064\063
\071\063\071\065\060\036\027\015\061\065\060\065\062\067\061\062
\062\060\060\060\132\027\015\064\060\060\065\062\067\061\062\062
\060\060\060\132\060\160\061\013\060\011\006\003\125\004\006\023
\002\103\132\061\055\060\053\006\003\125\004\012\014\044\120\162
\166\156\303\255\040\143\145\162\164\151\146\151\153\141\304\215
\156\303\255\040\141\165\164\157\162\151\164\141\054\040\141\056
\163\056\061\031\060\027\006\003\125\004\003\014\020\111\056\103
\101\040\122\157\157\164\040\103\101\057\122\123\101\061\027\060
\025\006\003\125\004\005\023\016\116\124\122\103\132\055\062\066
\064\063\071\063\071\065\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\252\077\125\265\211\257\166\024\006
\052\144\046\224\070\017\137\366\334\004\157\061\105\365\012\375
\073\177\233\162\157\370\100\174\376\135\375\064\231\005\070\224
\111\272\261\360\275\370\231\134\300\121\372\252\015\373\346\161
\025\205\143\021\052\167\006\221\222\006\210\263\374\024\341\231
\106\264\051\202\256\204\203\356\265\046\207\156\370\213\125\104
\235\100\330\377\052\132\252\350\177\322\145\341\024\107\302\174
\061\375\165\141\012\033\214\200\112\236\264\342\056\024\107\061
\356\274\005\121\256\246\176\317\021\270\305\110\275\005\124\302
\204\344\247\150\153\370\270\372\176\050\311\271\317\344\041\117
\145\311\210\150\240\070\331\165\245\021\073\114\034\156\113\036
\324\206\154\301\255\005\107\323\054\224\015\314\207\055\032\055
\303\326\314\336\204\376\354\153\300\341\043\023\241\323\234\030
\176\340\162\327\134\125\274\114\263\100\061\033\234\100\315\232
\353\200\016\161\256\327\142\156\132\026\117\037\366\145\105\321
\237\172\205\101\031\302\172\072\316\041\222\344\224\160\114\273
\250\101\306\304\273\065\315\365\072\236\143\251\215\240\152\321
\040\104\252\052\266\110\245\162\303\316\236\344\130\110\107\011
\177\002\101\363\015\034\155\011\170\360\327\024\321\240\125\374
\021\326\132\032\000\171\345\073\346\010\313\122\236\244\011\253
\153\347\154\234\052\057\042\175\373\271\120\262\336\120\323\057
\014\162\271\326\263\267\263\010\346\353\173\254\364\264\305\366
\301\062\037\247\031\041\365\334\136\067\252\307\037\123\233\103
\076\346\236\237\332\015\327\126\242\017\123\151\055\125\277\353
\206\170\021\277\246\327\132\115\363\016\223\163\352\377\016\320
\347\217\361\310\263\360\330\030\163\154\245\162\210\361\160\114

\107\124\266\233\132\321\274\046\067\215\030\337\233\153\056\333
\013\045\263\212\262\343\255\006\134\155\273\175\027\003\007\001
\212\060\227\211\164\155\112\224\167\056\353\356\317\260\036\265
\352\166\364\265\024\070\225\327\325\331\057\077\262\244\046\314
\115\243\134\215\011\363\136\014\205\062\316\126\154\002\010\361
\113\243\253\277\310\124\240\005\205\164\344\165\035\172\274\234
\073\140\075\152\375\031\221\002\003\001\000\001\243\202\001\036
\060\202\001\032\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024
\166\271\003\110\373\325\030\241\241\067\240\355\314\150\202\114
\122\064\066\015\060\201\327\006\003\125\035\040\004\201\317\060
\201\314\060\201\311\006\004\125\035\040\000\060\201\300\060\201
\275\006\010\053\006\001\005\005\007\002\002\060\201\260\032\201
\255\124\145\156\164\157\040\153\166\141\154\151\146\151\153\157
\166\141\156\171\040\163\171\163\164\145\155\157\166\171\040\143
\145\162\164\151\146\151\153\141\164\040\142\171\154\040\166\171
\144\141\156\040\160\157\144\154\145\040\172\141\153\157\156\141
\040\062\062\067\057\062\060\060\060\040\123\142\056\040\166\040
\160\154\141\164\156\145\155\040\172\156\145\156\151\057\124\150
\151\163\040\161\165\141\154\151\146\151\145\144\040\163\171\163
\164\145\155\040\143\145\162\164\151\146\151\143\141\164\145\040
\167\141\163\040\151\163\163\165\145\144\040\141\143\143\157\162
\144\151\156\147\040\164\157\040\101\143\164\040\116\157\056\040
\062\062\067\057\062\060\060\060\040\103\157\154\154\056\060\015
\006\011\052\206\110\206\367\015\001\001\015\005\000\003\202\002
\001\000\031\124\002\045\203\333\042\226\213\035\225\236\231\333
\064\316\223\320\037\056\173\134\140\044\152\014\327\205\104\170
\037\034\111\362\024\370\203\124\031\246\235\062\146\270\043\246
\073\206\052\237\066\374\027\374\120\017\140\306\067\375\044\250
\367\171\247\216\277\330\007\025\124\136\122\014\276\370\246\330
\310\101\104\361\366\023\334\203\031\133\257\335\144\367\063\026
\207\017\025\132\361\144\274\324\347\125\077\062\070\211\232\363
\314\110\305\154\061\161\222\232\046\027\302\174\107\002\155\065
\047\237\363\032\341\252\035\015\164\021\251\223\174\101\250\157
\273\216\234\305\001\344\163\366\272\120\056\346\020\324\274\157
\023\232\070\271\151\106\245\006\326\362\114\154\067\253\074\370
\333\032\306\125\360\310\370\035\041\156\057\000\152\261\342\155
\132\004\055\175\335\011\117\366\357\024\057\300\022\352\011\031
\053\032\312\240\161\233\261\072\062\274\377\103\030\363\175\057
\365\056\210\351\121\266\361\111\220\114\377\046\307\303\131\335
\164\137\301\120\135\070\134\235\150\125\151\152\264\100\167\311
\137\062\051\110\124\223\301\263\041\043\166\241\125\060\151\043
\077\061\111\304\241\315\073\166\131\225\132\202\264\255\161\265
\276\246\221\314\200\025\112\057\316\224\256\030\125\111\165\040
\104\270\363\001\233\301\170\054\216\020\114\247\144\255\255\072
\353\114\035\126\056\177\224\324\036\320\012\325\311\124\201\016
\036\376\367\224\371\141\072\077\065\356\323\140\311\373\110\262


```
\156\302\331\276\172\156\230\005\160\000\243\321\027\307\306\064
\257\154\365\115\217\135\122\014\335\200\233\172\155\347\230\343
\071\205\134\077\213\314\104\242\100\066\062\223\022\126\220\002
\236\076\131\150\002\037\126\210\036\257\301\376\017\173\125\215
\227\331\273\246\223\107\272\174\370\107\266\071\327\214\362\100
\154\207\234\014\376\055\335\334\161\374\016\221\010\244\103\075
\212\127\335\335\007\353\247\227\121\320\272\204\231\255\213\171
\376\311\004\220\203\023\053\351\227\015\145\211\362\021\055\067
\216\113\270\273\322\172\071\052\305\334\320\135\015\335\004\047
\230\237\130\375\216\206\273\005\177\360\355\067\222\220\335\234
\275\374
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "I.CA Root CA/RSA"
```

```
# Issuer: 2.5.4.5=NTRCZ-26439395,CN=I.CA Root CA/RSA,O=První certifikační autorita, a.s.,C=CZ
```

```
# Serial Number:05:f5:e1:00
```

```
# Subject: 2.5.4.5=NTRCZ-26439395,CN=I.CA Root CA/RSA,O=První certifikační autorita, a.s.,C=CZ
```

```
# Not Valid Before: Wed May 27 12:20:00 2015
```

```
# Not Valid After: Sun May 27 12:20:00 2040
```

```
# Fingerprint (MD5): 34:ba:8d:c4:33:9a:b5:27:ee:bd:5b:7c:7d:82:97:7f
```

```
# Fingerprint (SHA1): 9b:09:59:89:81:54:08:1b:f6:a9:0e:9b:9e:58:a4:69:0c:9b:a1:04
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "I.CA Root CA/RSA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\233\011\131\211\201\124\010\033\366\251\016\233\236\130\244\151
\014\233\241\004
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\064\272\215\304\063\232\265\047\356\275\133\174\175\202\227\177
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\160\061\013\060\011\006\003\125\004\006\023\002\103\132\061
\055\060\053\006\003\125\004\012\014\044\120\162\166\156\303\255
\040\143\145\162\164\151\146\151\153\141\304\215\156\303\255\040
\141\165\164\157\162\151\164\141\054\040\141\056\163\056\061\031
\060\027\006\003\125\004\003\014\020\111\056\103\101\040\122\157
\157\164\040\103\101\057\122\123\101\061\027\060\025\006\003\125
\004\005\023\016\116\124\122\103\132\055\062\066\064\063\071\063
\071\065
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

\002\004\005\365\341\000

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "MULTICERT Root Certification Authority 01"

Issuer: CN=MULTICERT Root Certification Authority 01,O=MULTICERT - Serviços de Certificação
Electrónica S.A.,C=PT

Serial Number:54:4d:a5:bc:40:35:56:5a

Subject: CN=MULTICERT Root Certification Authority 01,O=MULTICERT - Serviços de Certificação
Electrónica S.A.,C=PT

Not Valid Before: Fri Apr 04 08:59:47 2014

Not Valid After: Mon Apr 04 08:59:47 2039

Fingerprint (MD5): 30:b4:c2:a5:23:02:1d:2e:1b:c0:59:f2:ca:23:99:20

Fingerprint (SHA1): 46:af:7a:31:b5:99:46:0d:46:9d:60:41:14:5b:13:65:1d:f9:17:0a

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "MULTICERT Root Certification Authority 01"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\120\124
\061\102\060\100\006\003\125\004\012\014\071\115\125\114\124\111
\103\105\122\124\040\055\040\123\145\162\166\151\303\247\157\163
\040\144\145\040\103\145\162\164\151\146\151\143\141\303\247\303
\243\157\040\105\154\145\143\164\162\303\263\156\151\143\141\040
\123\056\101\056\061\062\060\060\006\003\125\004\003\014\051\115
\125\114\124\111\103\105\122\124\040\122\157\157\164\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171\040\060\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\120\124
\061\102\060\100\006\003\125\004\012\014\071\115\125\114\124\111
\103\105\122\124\040\055\040\123\145\162\166\151\303\247\157\163
\040\144\145\040\103\145\162\164\151\146\151\143\141\303\247\303
\243\157\040\105\154\145\143\164\162\303\263\156\151\143\141\040
\123\056\101\056\061\062\060\060\006\003\125\004\003\014\051\115
\125\114\124\111\103\105\122\124\040\122\157\157\164\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171\040\060\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\124\115\245\274\100\065\126\132

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\361\060\202\003\331\240\003\002\001\002\002\010\124
\115\245\274\100\065\126\132\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\201\205\061\013\060\011\006\003\125
\004\006\023\002\120\124\061\102\060\100\006\003\125\004\012\014
\071\115\125\114\124\111\103\105\122\124\040\055\040\123\145\162
\166\151\303\247\157\163\040\144\145\040\103\145\162\164\151\146
\151\143\141\303\247\303\243\157\040\105\154\145\143\164\162\303
\263\156\151\143\141\040\123\056\101\056\061\062\060\060\006\003
\125\004\003\014\051\115\125\114\124\111\103\105\122\124\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\040\060\061\060\036
\027\015\061\064\060\064\060\064\060\070\065\071\064\067\132\027
\015\063\071\060\064\060\064\060\070\065\071\064\067\132\060\201
\205\061\013\060\011\006\003\125\004\006\023\002\120\124\061\102
\060\100\006\003\125\004\012\014\071\115\125\114\124\111\103\105
\122\124\040\055\040\123\145\162\166\151\303\247\157\163\040\144
\145\040\103\145\162\164\151\146\151\143\141\303\247\303\243\157
\040\105\154\145\143\164\162\303\263\156\151\143\141\040\123\056
\101\056\061\062\060\060\006\003\125\004\003\014\051\115\125\114
\124\111\103\105\122\124\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\040\060\061\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\316\334\077\364\031\156\273\025\151
\206\364\344\315\347\072\160\073\307\232\213\073\203\000\201\133
\373\040\026\132\276\277\130\000\137\051\346\127\157\176\212\054
\025\007\134\032\143\214\102\137\026\335\332\211\204\105\127\027
\226\240\234\241\165\042\101\032\072\375\305\027\221\023\366\276
\142\012\274\156\045\055\133\300\214\020\146\367\342\326\373\334
\110\061\243\032\250\345\115\110\311\242\034\163\376\217\146\100
\143\167\131\007\074\075\024\237\324\367\205\221\320\303\102\365
\033\141\263\167\200\200\052\155\022\002\226\213\121\331\301\157
\047\013\032\007\064\000\377\322\131\114\051\350\327\031\143\330
\221\264\077\374\216\016\045\362\241\022\007\145\312\065\336\253
\376\026\243\010\214\257\177\176\022\364\131\026\005\037\350\255
\164\171\062\367\170\002\266\264\314\253\333\036\070\141\004\031
\172\101\100\332\132\021\144\165\002\375\144\321\326\224\102\017
\042\347\145\315\257\220\016\014\133\061\001\231\121\357\105\214
\175\245\070\332\236\174\113\344\246\350\263\244\202\326\003\064
\056\117\267\121\253\167\070\011\365\006\376\334\146\033\017\077
\372\175\357\214\125\276\340\015\206\225\241\334\275\304\303\010
\321\105\036\362\275\276\160\361\346\046\306\273\010\261\050\245
\302\245\355\210\326\241\300\373\043\361\047\071\314\341\204\007
\031\274\176\366\314\070\377\156\020\273\106\351\043\211\044\201
\377\000\342\121\000\334\122\120\175\023\120\175\026\075\100\215

\323\277\371\212\145\330\142\022\051\167\302\272\302\111\064\117
\212\171\151\311\113\025\363\064\336\317\257\206\342\345\310\251
\126\141\114\006\124\132\305\154\031\352\363\310\104\315\044\032
\166\321\161\000\131\153\331\165\233\316\375\020\376\261\203\242
\245\267\222\206\166\233\112\367\035\334\214\205\246\130\255\212
\246\150\151\027\311\155\033\246\317\047\113\051\054\335\161\102
\032\211\020\345\325\233\022\137\111\213\204\274\330\010\134\373
\317\070\102\257\276\321\156\173\221\252\146\100\305\005\176\053
\320\146\266\307\337\122\376\364\105\155\043\222\041\236\022\001
\220\163\203\342\245\011\015\327\300\370\205\225\036\143\321\077
\065\332\224\321\067\331\365\002\003\001\000\001\243\143\060\141
\060\035\006\003\125\035\016\004\026\004\024\325\071\034\234\133
\157\004\252\242\225\114\357\040\335\051\164\244\305\105\161\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\037\006\003\125\035\043\004\030\060\026\200\024\325\071\034
\234\133\157\004\252\242\225\114\357\040\335\051\164\244\305\105
\161\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\003\202\002\001\000\077\347\137\363\042\026\336\203\236\040\344
\202\347\345\236\167\311\373\053\260\164\015\337\033\164\042\017
\163\020\241\260\027\354\114\014\324\050\160\152\146\162\104\151
\020\223\166\065\317\057\370\217\074\253\031\174\161\222\225\161
\033\067\025\302\033\050\172\357\156\170\070\337\373\217\233\001
\040\334\257\366\326\215\011\146\332\304\106\251\374\225\252\104
\043\022\337\107\300\260\025\354\265\261\236\154\017\221\252\246
\072\345\301\015\140\154\120\100\160\134\134\310\316\263\314\353
\355\252\210\031\126\245\244\310\014\172\345\166\100\147\063\264
\075\226\334\167\313\043\170\371\123\133\317\215\336\261\247\216
\132\172\242\062\143\243\210\327\045\141\132\135\111\072\162\346
\317\252\224\206\154\156\367\202\340\216\147\223\050\305\250\015
\115\357\070\255\171\112\146\215\204\001\010\004\171\363\122\306
\101\347\232\142\006\263\365\022\036\354\331\000\103\323\353\226
\167\164\341\171\371\024\224\204\155\272\124\202\005\214\337\001
\362\060\210\201\254\172\057\213\103\054\166\064\316\065\347\207
\216\116\013\012\245\032\127\261\123\132\277\153\330\276\000\176
\306\371\356\146\061\010\261\337\224\063\204\234\167\117\173\144
\057\357\216\017\131\050\042\313\360\134\076\053\375\065\326\225
\377\003\354\145\122\176\276\362\031\370\173\325\122\054\122\167
\232\221\146\101\160\215\325\111\347\013\110\177\212\256\336\105
\075\335\376\346\322\344\222\303\173\316\060\240\111\156\067\255
\250\323\054\266\075\236\041\333\006\127\342\360\256\006\373\331
\305\021\067\241\173\333\035\021\174\150\166\040\076\365\274\245
\331\146\265\041\255\105\046\306\135\036\002\243\101\304\324\175
\201\031\313\027\227\006\017\346\354\164\000\106\304\165\335\075
\360\103\064\257\246\274\374\366\202\373\317\305\372\263\017\045
\245\077\146\020\326\236\202\245\333\072\023\171\336\215\251\327
\246\215\206\322\057\331\151\015\342\165\170\176\111\137\042\253
\206\160\050\121\263\172\266\240\171\372\324\345\203\247\260\167

```
\312\333\001\202\357\342\276\115\057\323\300\115\320\343\151\156
\174\046\233\353\246\373\105\357\261\004\212\057\252\041\006\366
\346\324\274\101\043
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "MULTICERT Root Certification Authority 01"

Issuer: CN=MULTICERT Root Certification Authority 01,O=MULTICERT - Serviços de Certificação
Electrónica S.A.,C=PT

Serial Number:54:4d:a5:bc:40:35:56:5a

Subject: CN=MULTICERT Root Certification Authority 01,O=MULTICERT - Serviços de Certificação
Electrónica S.A.,C=PT

Not Valid Before: Fri Apr 04 08:59:47 2014

Not Valid After: Mon Apr 04 08:59:47 2039

Fingerprint (MD5): 30:b4:c2:a5:23:02:1d:2e:1b:c0:59:f2:ca:23:99:20

Fingerprint (SHA1): 46:af:7a:31:b5:99:46:0d:46:9d:60:41:14:5b:13:65:1d:f9:17:0a

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "MULTICERT Root Certification Authority 01"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\106\257\172\061\265\231\106\015\106\235\140\101\024\133\023\145
\035\371\027\012
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\060\264\302\245\043\002\035\056\033\300\131\362\312\043\231\040
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\120\124
\061\102\060\100\006\003\125\004\012\014\071\115\125\114\124\111
\103\105\122\124\040\055\040\123\145\162\166\151\303\247\157\163
\040\144\145\040\103\145\162\164\151\146\151\143\141\303\247\303
\243\157\040\105\154\145\143\164\162\303\263\156\151\143\141\040
\123\056\101\056\061\062\060\060\006\003\125\004\003\014\051\115
\125\114\124\111\103\105\122\124\040\122\157\157\164\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171\040\060\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\010\124\115\245\274\100\065\126\132
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Certification Authority of WoSign G2"

Issuer: CN=Certification Authority of WoSign G2,O=WoSign CA Limited,C=CN

Serial Number:6b:25:da:8a:88:9d:7c:bc:0f:05:b3:b1:7a:61:45:44

Subject: CN=Certification Authority of WoSign G2,O=WoSign CA Limited,C=CN

Not Valid Before: Sat Nov 08 00:58:58 2014

Not Valid After: Tue Nov 08 00:58:58 2044

Fingerprint (MD5): c8:1c:7d:19:aa:cb:71:93:f2:50:f8:52:a8:1e:ba:60

Fingerprint (SHA1): fb:ed:dc:90:65:b7:27:20:37:bc:55:0c:9c:56:de:bb:f2:78:94:e1

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Certification Authority of WoSign G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\130\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\055\060\053\006
\003\125\004\003\023\044\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\157\146
\040\127\157\123\151\147\156\040\107\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\130\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\055\060\053\006
\003\125\004\003\023\044\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\157\146
\040\127\157\123\151\147\156\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\153\045\332\212\210\235\174\274\017\005\263\261\172\141
\105\104

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\174\060\202\002\144\240\003\002\001\002\002\020\153
\045\332\212\210\235\174\274\017\005\263\261\172\141\105\104\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\130
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\032\060
\030\006\003\125\004\012\023\021\127\157\123\151\147\156\040\103
\101\040\114\151\155\151\164\145\144\061\055\060\053\006\003\125
\004\003\023\044\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\040\157\146\040\127
\157\123\151\147\156\040\107\062\060\036\027\015\061\064\061\061

\060\070\060\060\065\070\065\070\132\027\015\064\064\061\061\060
\070\060\060\065\070\065\070\132\060\130\061\013\060\011\006\003
\125\004\006\023\002\103\116\061\032\060\030\006\003\125\004\012
\023\021\127\157\123\151\147\156\040\103\101\040\114\151\155\151
\164\145\144\061\055\060\053\006\003\125\004\003\023\044\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171\040\157\146\040\127\157\123\151\147\156\040
\107\062\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\276\305\304\240\042\200\111\117\277\331\207\021\306
\123\341\273\017\275\140\177\257\366\202\016\037\334\260\216\075
\227\340\120\074\217\072\357\146\073\105\007\233\040\370\343\327
\045\206\065\220\026\242\135\157\060\031\010\207\013\177\006\262
\235\142\217\336\257\222\245\140\324\053\200\232\122\077\365\232
\203\351\064\132\313\331\325\142\134\346\016\340\337\006\230\016
\200\174\312\264\035\023\210\153\016\250\044\167\003\320\356\133
\363\312\151\221\065\071\126\305\155\343\367\075\117\136\223\070
\044\312\030\351\044\313\222\003\335\314\034\075\011\160\344\040
\344\361\256\254\273\163\151\243\143\072\017\105\017\241\112\232
\302\321\143\254\313\020\370\075\346\116\050\267\353\304\225\261
\254\375\136\253\372\101\313\135\235\113\334\364\174\166\357\147
\177\000\172\215\322\240\032\134\115\042\341\265\332\335\166\263
\324\166\337\136\270\213\230\310\024\124\314\153\027\222\267\340
\112\277\111\224\141\013\070\220\217\135\044\154\045\173\073\171
\331\342\176\235\255\237\230\241\006\374\170\024\140\127\370\356
\200\167\261\002\003\001\000\001\243\102\060\100\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006
\003\125\035\016\004\026\004\024\372\140\251\353\145\305\335\026
\024\010\116\014\017\215\233\340\367\144\257\147\060\015\006\011
\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001\000
\127\303\172\066\202\234\215\230\342\253\100\252\107\217\307\247
\133\355\174\347\075\146\132\073\061\273\337\363\026\063\221\374
\174\173\245\302\246\146\343\252\260\267\047\230\077\111\327\140
\147\147\077\066\117\112\313\361\024\372\132\207\050\034\355\217
\101\062\306\225\371\175\332\275\173\133\302\260\041\343\217\106
\334\041\070\103\164\114\373\060\370\027\162\301\062\374\310\221
\027\304\314\130\067\116\013\314\132\367\041\065\050\203\154\140
\055\104\353\122\214\120\075\265\154\022\327\372\011\273\154\262
\112\261\305\211\344\374\323\122\330\141\027\376\172\224\204\217
\171\266\063\131\272\017\304\013\342\160\240\113\170\056\372\310
\237\375\257\221\145\012\170\070\025\345\227\027\024\335\371\340
\054\064\370\070\320\204\042\000\300\024\121\030\053\002\334\060
\132\360\350\001\174\065\072\043\257\010\344\257\252\216\050\102
\111\056\360\365\231\064\276\355\017\113\030\341\322\044\074\273
\135\107\267\041\362\215\321\012\231\216\343\156\076\255\160\340
\217\271\312\314\156\201\061\366\173\234\172\171\344\147\161\030
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Certification Authority of WoSign G2"
Issuer: CN=Certification Authority of WoSign G2,O=WoSign CA Limited,C=CN
Serial Number:6b:25:da:8a:88:9d:7c:bc:0f:05:b3:b1:7a:61:45:44
Subject: CN=Certification Authority of WoSign G2,O=WoSign CA Limited,C=CN
Not Valid Before: Sat Nov 08 00:58:58 2014
Not Valid After: Tue Nov 08 00:58:58 2044
Fingerprint (MD5): c8:1c:7d:19:aa:cb:71:93:f2:50:f8:52:a8:1e:ba:60
Fingerprint (SHA1): fb:ed:dc:90:65:b7:27:20:37:bc:55:0c:9c:56:de:bb:f2:78:94:e1

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certification Authority of WoSign G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\373\355\334\220\145\267\047\040\067\274\125\014\234\126\336\273
\362\170\224\341
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\310\034\175\031\252\313\161\223\362\120\370\122\250\036\272\140
END

CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\055\060\053\006
\003\125\004\003\023\044\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\157\146
\040\127\157\123\151\147\156\040\107\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\153\045\332\212\210\235\174\274\017\005\263\261\172\141
\105\104
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "CA WoSign ECC Root"
Issuer: CN=CA WoSign ECC Root,O=WoSign CA Limited,C=CN
Serial Number:68:4a:58:70:80:6b:f0:8f:02:fa:f6:de:e8:b0:90:90
Subject: CN=CA WoSign ECC Root,O=WoSign CA Limited,C=CN
Not Valid Before: Sat Nov 08 00:58:58 2014


```
# Not Valid After: Tue Nov 08 00:58:58 2044
# Fingerprint (MD5): 80:c6:53:ee:61:82:28:72:f0:ff:21:b9:17:ca:b2:20
# Fingerprint (SHA1): d2:7a:d2:be:ed:94:c0:a1:3c:c7:25:21:ea:5d:71:be:81:19:f3:2b
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA WoSign ECC Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\033\060\031\006
\003\125\004\003\023\022\103\101\040\127\157\123\151\147\156\040
\105\103\103\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\033\060\031\006
\003\125\004\003\023\022\103\101\040\127\157\123\151\147\156\040
\105\103\103\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\150\112\130\160\200\153\360\217\002\372\366\336\350\260
\220\220
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\011\060\202\001\217\240\003\002\001\002\002\020\150
\112\130\160\200\153\360\217\002\372\366\336\350\260\220\220\060
\012\006\010\052\206\110\316\075\004\003\003\060\106\061\013\060
\011\006\003\125\004\006\023\002\103\116\061\032\060\030\006\003
\125\004\012\023\021\127\157\123\151\147\156\040\103\101\040\114
\151\155\151\164\145\144\061\033\060\031\006\003\125\004\003\023
\022\103\101\040\127\157\123\151\147\156\040\105\103\103\040\122
\157\157\164\060\036\027\015\061\064\061\061\060\070\060\060\065
\070\065\070\132\027\015\064\064\061\061\060\070\060\060\065\070
\065\070\132\060\106\061\013\060\011\006\003\125\004\006\023\002
\103\116\061\032\060\030\006\003\125\004\012\023\021\127\157\123
\151\147\156\040\103\101\040\114\151\155\151\164\145\144\061\033
\060\031\006\003\125\004\003\023\022\103\101\040\127\157\123\151
\147\156\040\105\103\103\040\122\157\157\164\060\166\060\020\006
\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003
\142\000\004\341\375\216\270\103\044\253\226\173\205\302\272\013
\255\215\340\072\343\044\271\322\261\276\210\072\312\277\112\270
\371\357\054\057\257\121\120\074\107\165\154\370\224\267\233\374
\050\036\305\124\314\143\235\026\113\123\301\347\040\253\315\254
```

```
\045\322\177\217\302\301\132\202\136\060\213\172\124\316\003\265
\221\177\252\224\320\321\212\110\314\202\005\046\241\325\121\022
\326\173\066\243\102\060\100\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004
\026\004\024\252\375\325\132\243\366\207\213\062\205\375\321\062
\133\200\105\223\363\003\270\060\012\006\010\052\206\110\316\075
\004\003\003\003\150\000\060\145\002\061\000\344\244\204\260\201
\325\075\260\164\254\224\244\350\016\075\000\164\114\241\227\153
\371\015\121\074\241\331\073\364\015\253\251\237\276\116\162\312
\205\324\331\354\265\062\105\030\157\253\255\002\060\175\307\367
\151\143\057\241\341\230\357\023\020\321\171\077\321\376\352\073
\177\336\126\364\220\261\025\021\330\262\042\025\320\057\303\046
\056\153\361\221\262\220\145\364\232\346\220\356\112
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "CA WoSign ECC Root"

Issuer: CN=CA WoSign ECC Root,O=WoSign CA Limited,C=CN

Serial Number:68:4a:58:70:80:6b:f0:8f:02:fa:f6:de:e8:b0:90:90

Subject: CN=CA WoSign ECC Root,O=WoSign CA Limited,C=CN

Not Valid Before: Sat Nov 08 00:58:58 2014

Not Valid After: Tue Nov 08 00:58:58 2044

Fingerprint (MD5): 80:c6:53:ee:61:82:28:72:f0:ff:21:b9:17:ca:b2:20

Fingerprint (SHA1): d2:7a:d2:be:ed:94:c0:a1:3c:c7:25:21:ea:5d:71:be:81:19:f3:2b

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "CA WoSign ECC Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\322\172\322\276\355\224\300\241\074\307\045\041\352\135\161\276
\201\031\363\053
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\200\306\123\356\141\202\050\162\360\377\041\271\027\312\262\040
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\106\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\033\060\031\006
\003\125\004\003\023\022\103\101\040\127\157\123\151\147\156\040
\105\103\103\040\122\157\157\164
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

\002\020\150\112\130\160\200\153\360\217\002\372\366\336\350\260

\220\220

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "CCA India 2015 SPL"

Issuer: CN=CCA India 2015 SPL,O=India PKI,C=IN

Serial Number: 10165 (0x27b5)

Subject: CN=CCA India 2015 SPL,O=India PKI,C=IN

Not Valid Before: Thu Jan 29 11:36:43 2015

Not Valid After: Wed Jan 29 11:36:43 2025

Fingerprint (MD5): 16:da:3e:ac:1d:0a:57:a9:b4:e2:de:d0:93:96:dc:d4

Fingerprint (SHA1): 3b:c6:dc:e0:03:07:bd:67:60:41:eb:d8:59:70:c6:2f:8f:da:51:09

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "CCA India 2015 SPL"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\076\061\013\060\011\006\003\125\004\006\023\002\111\116\061

\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040

\120\113\111\061\033\060\031\006\003\125\004\003\023\022\103\103

\101\040\111\156\144\151\141\040\062\060\061\065\040\123\120\114

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\076\061\013\060\011\006\003\125\004\006\023\002\111\116\061

\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040

\120\113\111\061\033\060\031\006\003\125\004\003\023\022\103\103

\101\040\111\156\144\151\141\040\062\060\061\065\040\123\120\114

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\002\047\265

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\053\060\202\002\023\240\003\002\001\002\002\002\047

\265\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000

\060\076\061\013\060\011\006\003\125\004\006\023\002\111\116\061

\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040

\120\113\111\061\033\060\031\006\003\125\004\003\023\022\103\103

\101\040\111\156\144\151\141\040\062\060\061\065\040\123\120\114

\060\036\027\015\061\065\060\061\062\071\061\061\063\066\064\063

\132\027\015\062\065\060\061\062\071\061\061\063\066\064\063\132

\060\076\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040
\120\113\111\061\033\060\031\006\003\125\004\003\023\022\103\103
\101\040\111\156\144\151\141\040\062\060\061\065\040\123\120\114
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001
\000\227\327\066\211\075\067\101\016\221\077\153\040\137\374\072
\176\073\132\135\057\303\014\207\123\074\030\242\310\141\163\015
\010\016\126\036\322\156\140\245\127\145\334\376\317\120\206\017
\132\116\253\142\213\004\312\126\357\341\321\236\256\164\255\252
\372\077\101\130\321\125\160\160\076\105\311\033\200\163\374\010
\210\344\213\162\250\012\265\051\127\260\255\012\221\101\032\234
\137\120\175\254\027\032\045\133\041\360\225\053\347\337\067\254
\064\363\007\260\361\035\301\023\357\173\056\072\305\251\141\220
\262\170\137\124\120\074\263\132\125\143\266\313\020\243\157\373
\015\364\266\357\346\010\336\242\020\277\166\227\177\352\331\226
\321\324\303\163\002\161\264\251\260\254\254\037\027\040\245\107
\106\326\104\002\070\231\276\313\024\170\376\346\137\304\177\335
\157\351\252\107\024\220\021\330\035\200\300\025\324\214\240\231
\343\031\016\012\017\314\032\010\234\324\123\007\000\340\037\111
\277\202\202\114\317\233\330\156\323\324\021\000\022\154\017\175
\140\147\112\214\120\333\362\057\340\271\171\207\203\303\134\302
\071\002\003\001\000\001\243\063\060\061\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\021\006\003\125
\035\016\004\012\004\010\114\021\160\252\217\335\037\007\060\013
\006\003\125\035\017\004\004\003\002\001\006\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\003\202\001\001\000\055
\274\214\025\312\064\355\114\050\042\273\341\123\045\113\072\227
\251\355\046\242\244\253\115\373\012\022\156\347\065\346\147\016
\030\201\142\066\245\314\302\337\032\345\150\001\201\116\263\231
\324\107\025\022\235\166\351\241\246\023\035\260\377\175\273\127
\343\357\131\233\310\073\120\151\306\143\072\254\240\301\345\220
\350\144\051\134\110\101\151\067\254\073\273\335\343\125\306\327
\222\015\225\203\260\050\127\302\243\251\226\247\312\336\114\036
\232\377\076\245\056\047\136\333\146\147\047\205\357\253\212\134
\163\174\210\315\107\146\360\235\203\314\204\217\342\051\364\037
\101\157\267\365\041\015\365\224\126\121\343\374\377\023\130\267
\237\003\356\051\237\322\001\260\142\236\224\275\031\206\132\103
\372\152\211\201\260\352\134\030\207\312\200\225\373\355\001\277
\021\032\337\225\024\256\056\342\257\315\221\220\272\263\047\303
\157\020\330\331\016\264\245\164\154\201\267\137\031\314\376\047
\116\263\105\230\130\030\234\127\304\222\162\022\317\247\202\071
\325\341\020\227\012\206\060\105\205\143\250\153\115\232\374

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Trust for "CCA India 2015 SPL"
# Issuer: CN=CCA India 2015 SPL,O=India PKI,C=IN
# Serial Number: 10165 (0x27b5)
# Subject: CN=CCA India 2015 SPL,O=India PKI,C=IN
# Not Valid Before: Thu Jan 29 11:36:43 2015
# Not Valid After: Wed Jan 29 11:36:43 2025
# Fingerprint (MD5): 16:da:3e:ac:1d:0a:57:a9:b4:e2:de:d0:93:96:dc:d4
# Fingerprint (SHA1): 3b:c6:dc:e0:03:07:bd:67:60:41:eb:d8:59:70:c6:2f:8f:da:51:09
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CCA India 2015 SPL"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\073\306\334\340\003\007\275\147\140\101\353\330\131\160\306\057
\217\332\121\011
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\026\332\076\254\035\012\127\251\264\342\336\320\223\226\334\324
END
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040
\120\113\111\061\033\060\031\006\003\125\004\003\023\022\103\103
\101\040\111\156\144\151\141\040\062\060\061\065\040\123\120\114
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\047\265
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Swedish Government Root Authority v3"
# Issuer: CN=Swedish Government Root Authority v3,O=Swedish Social Insurance Agency,C=SE
# Serial Number:32:69:a2:bf:40:6b:8d:b4:47:83:64:3c:8b:0d:c9:43
# Subject: CN=Swedish Government Root Authority v3,O=Swedish Social Insurance Agency,C=SE
# Not Valid Before: Tue Sep 29 11:32:32 2015
# Not Valid After: Sat Sep 29 11:42:09 2040
# Fingerprint (MD5): 63:e2:fd:ea:a2:55:6a:70:54:fb:3a:22:e3:34:b1:17
# Fingerprint (SHA1): 74:6f:88:f9:ac:16:3c:53:00:9e:ef:92:0c:40:67:75:6a:15:71:7e
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

CKA_LABEL UTF8 "Swedish Government Root Authority v3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\146\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\050\060\046\006\003\125\004\012\023\037\123\167\145\144\151\163
\150\040\123\157\143\151\141\154\040\111\156\163\165\162\141\156
\143\145\040\101\147\145\156\143\171\061\055\060\053\006\003\125
\004\003\023\044\123\167\145\144\151\163\150\040\107\157\166\145
\162\156\155\145\156\164\040\122\157\157\164\040\101\165\164\150
\157\162\151\164\171\040\166\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\146\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\050\060\046\006\003\125\004\012\023\037\123\167\145\144\151\163
\150\040\123\157\143\151\141\154\040\111\156\163\165\162\141\156
\143\145\040\101\147\145\156\143\171\061\055\060\053\006\003\125
\004\003\023\044\123\167\145\144\151\163\150\040\107\157\166\145
\162\156\155\145\156\164\040\122\157\157\164\040\101\165\164\150
\157\162\151\164\171\040\166\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\062\151\242\277\100\153\215\264\107\203\144\074\213\015
\311\103

END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\252\060\202\003\222\240\003\002\001\002\002\020\062
\151\242\277\100\153\215\264\107\203\144\074\213\015\311\103\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\146
\061\013\060\011\006\003\125\004\006\023\002\123\105\061\050\060
\046\006\003\125\004\012\023\037\123\167\145\144\151\163\150\040
\123\157\143\151\141\154\040\111\156\163\165\162\141\156\143\145
\040\101\147\145\156\143\171\061\055\060\053\006\003\125\004\003
\023\044\123\167\145\144\151\163\150\040\107\157\166\145\162\156
\155\145\156\164\040\122\157\157\164\040\101\165\164\150\157\162
\151\164\171\040\166\063\060\036\027\015\061\065\060\071\062\071
\061\061\063\062\063\062\132\027\015\064\060\060\071\062\071\061
\061\064\062\060\071\132\060\146\061\013\060\011\006\003\125\004
\006\023\002\123\105\061\050\060\046\006\003\125\004\012\023\037
\123\167\145\144\151\163\150\040\123\157\143\151\141\154\040\111
\156\163\165\162\141\156\143\145\040\101\147\145\156\143\171\061
\055\060\053\006\003\125\004\003\023\044\123\167\145\144\151\163
\150\040\107\157\166\145\162\156\155\145\156\164\040\122\157\157
\164\040\101\165\164\150\157\162\151\164\171\040\166\063\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\272
\036\242\151\033\150\117\134\217\272\364\043\307\136\146\005\170
\205\066\130\243\242\177\147\357\242\014\026\222\244\112\213\340

\240\222\207\125\067\013\304\321\304\320\100\103\227\062\120\117
\354\225\107\267\077\257\103\005\345\204\227\011\357\126\124\347
\103\063\107\375\255\361\072\233\230\244\341\344\121\243\271\254
\214\013\356\045\006\011\362\323\272\065\147\141\214\302\275\046
\313\327\143\314\327\203\063\331\114\342\357\371\033\237\250\313
\015\166\001\055\162\311\042\273\150\221\336\220\017\073\075\264
\102\275\031\175\237\204\134\074\176\102\067\206\261\140\302\110
\207\122\116\134\127\376\316\222\256\312\076\126\267\263\236\225
\232\224\370\057\241\320\242\056\302\124\132\154\314\314\326\255
\113\107\320\056\207\202\063\250\173\120\071\247\052\054\261\133
\047\012\237\255\365\024\353\374\215\123\262\163\053\124\043\364
\214\227\231\227\373\065\334\314\265\372\063\024\046\215\165\247
\044\246\350\024\056\055\246\200\050\203\232\077\270\312\073\307
\365\030\340\375\354\216\171\373\252\102\154\112\113\026\176\363
\202\003\156\272\347\021\006\245\237\204\053\322\140\155\351\106
\356\101\132\226\271\024\375\034\077\206\022\361\124\046\046\375
\147\200\057\345\250\055\050\056\103\267\144\302\357\344\267\176
\226\334\204\213\047\331\166\075\230\201\123\024\334\102\105\241
\124\147\371\332\030\146\220\012\264\107\220\074\001\345\053\243
\146\357\157\373\062\203\361\063\175\062\041\154\245\105\025\077
\057\363\125\221\110\223\237\045\317\055\074\071\073\122\015\032
\257\307\337\253\157\200\330\220\313\236\161\162\152\102\151\223
\352\222\000\075\111\004\331\243\134\272\105\373\002\020\377\255
\151\164\122\245\070\143\232\146\210\004\262\021\272\023\252\071
\325\203\137\355\145\133\123\310\235\134\262\205\240\170\160\065
\115\134\044\020\244\366\061\052\222\125\101\331\363\027\154\231
\023\130\372\335\050\320\154\023\275\133\207\215\223\203\255\130
\051\126\025\264\130\047\112\233\021\154\240\246\147\105\072\316
\320\330\316\377\220\063\354\132\061\115\017\122\022\373\255\366
\141\137\344\057\157\015\146\060\345\240\117\317\317\375\137\002
\003\001\000\001\243\124\060\122\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016
\004\026\004\024\234\274\001\347\253\144\065\365\061\233\215\265
\373\027\231\210\002\313\233\362\060\020\006\011\053\006\001\004
\001\202\067\025\001\004\003\002\001\000\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\207\253
\152\344\347\153\044\122\075\366\042\203\117\123\004\105\062\234
\141\132\026\134\234\104\265\243\321\226\320\100\376\317\146\025
\136\176\100\000\040\025\375\247\252\144\332\247\141\146\150\302
\335\122\161\045\240\152\271\335\300\315\316\206\010\324\074\065
\021\057\175\364\157\322\332\014\227\003\145\227\203\264\076\072
\313\011\164\215\353\005\312\172\351\200\260\267\121\055\042\223
\343\232\031\356\355\227\010\041\203\255\307\012\221\137\304\312
\333\136\257\270\347\214\272\072\111\322\125\003\065\031\031\120
\112\342\206\247\273\170\075\225\375\261\037\106\362\117\146\362
\373\277\205\144\266\012\043\030\222\011\236\111\105\061\266\326
\024\127\236\374\211\105\164\177\071\314\300\152\150\310\317\107

```
\320\341\036\307\323\057\055\371\054\044\073\374\152\272\224\023
\336\314\162\362\242\035\313\037\237\325\203\167\046\136\176\233
\240\257\151\237\170\333\245\301\156\161\134\110\102\116\053\330
\170\270\325\017\245\077\154\313\217\220\315\107\330\220\031\111
\205\326\154\374\342\253\252\102\277\313\023\227\277\151\104\165
\143\065\055\332\240\307\375\141\367\312\101\075\124\234\364\066
\300\344\156\041\110\237\135\161\142\201\323\362\045\346\131\214
\131\101\046\110\247\343\353\147\152\323\354\064\267\230\367\314
\312\243\066\006\225\347\310\060\131\367\377\311\241\321\344\171
\274\337\023\037\056\331\263\165\321\004\267\043\011\041\314\035
\041\034\047\234\016\053\372\301\207\030\311\372\371\111\203\214
\022\026\373\305\022\316\073\017\102\372\360\005\145\176\250\307
\353\122\112\371\230\136\161\243\254\022\307\050\161\032\132\165
\317\207\312\037\067\050\034\024\235\220\120\157\306\277\112\314
\307\045\317\061\335\133\221\116\166\250\021\325\166\146\331\277
\200\163\142\260\354\303\376\104\274\315\131\023\013\014\055\330
\241\314\252\142\115\124\105\136\244\122\243\214\127\074\024\061
\223\124\316\245\026\124\136\055\102\263\356\145\251\266\235\077
\154\316\141\331\126\313\336\352\240\126\336\155\206\003\372\267
\201\152\214\322\330\363\327\266\300\254\051\204\131\043\016\233
\227\152\346\240\316\325\052\124\030\357\120\230\171\040
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Swedish Government Root Authority v3"
# Issuer: CN=Swedish Government Root Authority v3,O=Swedish Social Insurance Agency,C=SE
# Serial Number:32:69:a2:bf:40:6b:8d:b4:47:83:64:3c:8b:0d:c9:43
# Subject: CN=Swedish Government Root Authority v3,O=Swedish Social Insurance Agency,C=SE
# Not Valid Before: Tue Sep 29 11:32:32 2015
# Not Valid After: Sat Sep 29 11:42:09 2040
# Fingerprint (MD5): 63:e2:fd:ea:a2:55:6a:70:54:fb:3a:22:e3:34:b1:17
# Fingerprint (SHA1): 74:6f:88:f9:ac:16:3c:53:00:9e:ef:92:0c:40:67:75:6a:15:71:7e
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Swedish Government Root Authority v3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\157\210\371\254\026\074\123\000\236\357\222\014\100\147\165
\152\025\161\176
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\143\342\375\352\242\125\152\160\124\373\072\042\343\064\261\027
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```



```
\060\146\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\050\060\046\006\003\125\004\012\023\037\123\167\145\144\151\163
\150\040\123\157\143\151\141\154\040\111\156\163\165\162\141\156
\143\145\040\101\147\145\156\143\171\061\055\060\053\006\003\125
\004\003\023\044\123\167\145\144\151\163\150\040\107\157\166\145
\162\156\155\145\156\164\040\122\157\157\164\040\101\165\164\150
\157\162\151\164\171\040\166\063
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\062\151\242\277\100\153\215\264\107\203\144\074\213\015
\311\103
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Swedish Government Root Authority v2"

Issuer: CN=Swedish Government Root Authority v2,O=Swedish Social Insurance Agency,C=SE

Serial Number:54:12:15:9f:ab:8a:75:93:44:94:ca:77:40:56:2e:ef

Subject: CN=Swedish Government Root Authority v2,O=Swedish Social Insurance Agency,C=SE

Not Valid Before: Tue May 05 11:15:23 2015

Not Valid After: Sat May 05 11:24:19 2040

Fingerprint (MD5): 33:85:e1:95:66:4b:83:50:73:42:c2:e0:da:a0:40:92

Fingerprint (SHA1): 32:f4:42:09:3b:36:d7:03:1b:75:ca:4d:ad:dc:b3:27:fa:a0:2b:9c

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Swedish Government Root Authority v2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\146\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\050\060\046\006\003\125\004\012\023\037\123\167\145\144\151\163
\150\040\123\157\143\151\141\154\040\111\156\163\165\162\141\156
\143\145\040\101\147\145\156\143\171\061\055\060\053\006\003\125
\004\003\023\044\123\167\145\144\151\163\150\040\107\157\166\145
\162\156\155\145\156\164\040\122\157\157\164\040\101\165\164\150
\157\162\151\164\171\040\166\062
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\146\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\050\060\046\006\003\125\004\012\023\037\123\167\145\144\151\163
\150\040\123\157\143\151\141\154\040\111\156\163\165\162\141\156
\143\145\040\101\147\145\156\143\171\061\055\060\053\006\003\125
\004\003\023\044\123\167\145\144\151\163\150\040\107\157\166\145
```

\162\156\155\145\156\164\040\122\157\157\164\040\101\165\164\150
\157\162\151\164\171\040\166\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\124\022\025\237\253\212\165\223\104\224\312\167\100\126
\056\357

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\013\060\202\003\363\240\003\002\001\002\002\020\124
\022\025\237\253\212\165\223\104\224\312\167\100\126\056\357\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\146
\061\013\060\011\006\003\125\004\006\023\002\123\105\061\050\060
\046\006\003\125\004\012\023\037\123\167\145\144\151\163\150\040
\123\157\143\151\141\154\040\111\156\163\165\162\141\156\143\145
\040\101\147\145\156\143\171\061\055\060\053\006\003\125\004\003
\023\044\123\167\145\144\151\163\150\040\107\157\166\145\162\156
\155\145\156\164\040\122\157\157\164\040\101\165\164\150\157\162
\151\164\171\040\166\062\060\036\027\015\061\065\060\065\060\065
\061\061\061\065\062\063\132\027\015\064\060\060\065\060\065\061
\061\062\064\061\071\132\060\146\061\013\060\011\006\003\125\004
\006\023\002\123\105\061\050\060\046\006\003\125\004\012\023\037
\123\167\145\144\151\163\150\040\123\157\143\151\141\154\040\111
\156\163\165\162\141\156\143\145\040\101\147\145\156\143\171\061
\055\060\053\006\003\125\004\003\023\044\123\167\145\144\151\163
\150\040\107\157\166\145\162\156\155\145\156\164\040\122\157\157
\164\040\101\165\164\150\157\162\151\164\171\040\166\062\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\310
\256\265\103\274\102\105\113\065\143\077\002\113\305\377\333\066
\327\047\305\302\256\105\146\243\161\207\026\115\211\117\141\224
\340\126\106\270\320\104\023\346\163\220\360\141\170\101\212\340
\032\176\067\254\002\051\276\350\377\002\046\306\032\174\012\261
\217\144\051\242\332\007\212\325\044\205\150\031\222\062\337\237
\051\140\130\155\052\205\200\021\066\311\266\302\323\236\204\014
\272\121\021\314\124\351\253\006\060\022\217\040\167\005\300\306
\215\232\233\131\310\266\205\350\160\007\002\261\036\377\327\151
\317\026\106\213\141\057\102\315\122\246\330\016\172\057\207\055
\306\057\074\042\103\261\223\176\303\026\166\331\314\327\213\354
\021\033\320\311\161\024\302\211\111\176\361\244\020\252\065\074
\250\033\273\377\354\062\100\345\275\052\363\246\001\023\310\214
\227\031\220\316\143\371\260\153\175\367\371\212\316\156\340\205
\347\333\224\325\172\040\045\240\065\360\251\367\257\132\050\132
\014\310\363\164\071\213\061\073\042\314\111\045\311\157\270\134
\172\056\054\226\343\057\243\076\312\171\167\151\221\132\370\360
\305\123\067\116\123\155\111\047\126\142\312\345\371\163\140\251
\027\073\133\242\045\257\055\173\311\267\333\317\031\021\072\063
\161\071\131\132\003\351\347\054\014\377\155\234\162\143\143\200
\005\130\123\206\334\050\165\026\302\345\360\023\131\241\201\377

\005\014\231\250\266\074\154\056\305\016\000\230\201\351\203\167
\146\103\073\132\216\205\105\114\262\317\271\075\344\234\066\223
\100\172\123\025\051\324\021\220\272\241\140\212\235\253\364\112
\112\152\335\207\252\301\355\005\332\236\133\126\341\210\117\052
\153\225\050\206\146\120\241\357\332\112\262\220\012\066\067\111
\205\227\102\170\007\147\346\233\040\241\014\154\311\317\317\376
\167\225\204\132\172\073\027\260\357\114\367\055\221\252\317\031
\157\306\371\022\050\347\036\012\246\226\315\041\260\003\142\120
\203\006\040\346\350\336\337\103\026\026\271\201\240\360\201\064
\133\313\301\211\366\363\350\042\270\316\270\122\076\121\036\261
\005\270\267\003\053\013\254\164\165\123\044\341\166\270\117\045
\166\135\357\321\232\363\156\112\270\174\113\370\212\300\031\002
\003\001\000\001\243\201\264\060\201\261\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\006\060\022\006\003\125\035
\023\001\001\377\004\010\060\006\001\001\377\002\001\001\060\035
\006\003\125\035\016\004\026\004\024\143\153\102\140\123\127\021
\273\310\044\211\045\002\146\104\164\241\015\045\156\060\020\006
\011\053\006\001\004\001\202\067\025\001\004\003\002\001\000\060
\021\006\003\125\035\040\004\012\060\010\060\006\006\004\125\035
\040\000\060\107\006\003\125\035\045\004\100\060\076\006\010\053
\006\001\005\005\007\003\001\006\010\053\006\001\005\005\007\003
\002\006\010\053\006\001\005\005\007\003\004\006\012\053\006\001
\004\001\202\067\012\003\014\006\010\053\006\001\005\005\007\003
\003\006\010\053\006\001\005\005\007\003\010\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\043
\056\252\205\227\113\244\134\020\257\332\370\075\275\223\130\057
\170\373\031\167\003\071\026\107\111\162\125\314\207\350\275\244
\177\322\253\044\254\347\324\120\356\235\330\203\306\231\040\373
\026\057\210\306\027\067\312\213\036\253\320\342\154\007\130\270
\144\221\241\020\241\151\067\165\136\376\332\163\024\346\212\153
\276\302\140\041\057\300\371\243\004\110\066\133\067\276\332\154
\375\351\226\216\236\361\123\174\217\145\104\247\125\175\013\224
\116\124\366\377\062\275\057\175\234\245\136\102\304\114\051\343
\020\144\057\346\317\132\073\064\125\050\141\321\047\022\273\156
\124\233\201\130\254\325\136\235\127\003\240\115\321\377\067\164
\246\215\363\371\225\375\052\211\165\172\171\067\375\046\171\057
\047\163\177\251\031\040\345\320\137\230\350\226\005\217\230\171
\351\171\020\101\051\001\103\365\151\067\314\120\020\150\265\330
\104\116\016\362\231\343\047\054\152\216\137\273\175\273\153\161
\113\006\212\335\052\330\012\077\133\310\162\056\130\141\012\017
\201\150\036\107\307\351\055\272\357\215\334\016\243\043\303\262
\055\265\107\261\213\264\076\047\110\347\334\010\142\014\124\376
\103\327\225\112\277\007\057\112\100\176\006\245\121\207\046\211
\005\335\074\312\117\376\034\047\351\333\210\036\300\262\376\343
\357\037\176\261\350\131\225\240\117\253\012\211\000\340\163\262
\347\034\301\027\120\200\207\114\322\103\031\131\225\322\133\024
\133\012\133\300\174\211\161\172\265\012\300\212\105\057\356\304
\300\376\124\055\347\225\044\167\005\056\356\164\306\240\220\261

```
\163\334\102\326\240\165\311\130\131\005\242\336\021\277\131\351
\015\247\046\302\156\300\106\212\306\036\323\365\352\017\175\075
\162\315\031\225\114\272\340\150\227\215\130\300\152\357\171\367
\262\150\152\270\162\066\303\044\014\350\062\355\275\361\237\310
\357\336\165\322\333\166\251\224\047\070\364\001\141\277\146\070
\217\152\075\334\000\133\263\374\104\337\003\113\371\361\166\045
\065\377\122\037\010\035\320\245\024\351\213\006\053\170\203\054
\161\134\117\221\207\143\326\014\016\005\210\074\224\240\261\132
\124\026\337\335\121\303\250\066\056\054\202\174\271\232\260
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Swedish Government Root Authority v2"

Issuer: CN=Swedish Government Root Authority v2,O=Swedish Social Insurance Agency,C=SE

Serial Number:54:12:15:9f:ab:8a:75:93:44:94:ca:77:40:56:2e:ef

Subject: CN=Swedish Government Root Authority v2,O=Swedish Social Insurance Agency,C=SE

Not Valid Before: Tue May 05 11:15:23 2015

Not Valid After: Sat May 05 11:24:19 2040

Fingerprint (MD5): 33:85:e1:95:66:4b:83:50:73:42:c2:e0:da:a0:40:92

Fingerprint (SHA1): 32:f4:42:09:3b:36:d7:03:1b:75:ca:4d:ad:dc:b3:27:fa:a0:2b:9c

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Swedish Government Root Authority v2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\062\364\102\011\073\066\327\003\033\165\312\115\255\334\263\047
\372\240\053\234
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\063\205\341\225\146\113\203\120\163\102\302\340\332\240\100\222
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\146\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\050\060\046\006\003\125\004\012\023\037\123\167\145\144\151\163
\150\040\123\157\143\151\141\154\040\111\156\163\165\162\141\156
\143\145\040\101\147\145\156\143\171\061\055\060\053\006\003\125
\004\003\023\044\123\167\145\144\151\163\150\040\107\157\166\145
\162\156\155\145\156\164\040\122\157\157\164\040\101\165\164\150
\157\162\151\164\171\040\166\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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```
\002\020\124\022\025\237\253\212\165\223\104\224\312\167\100\126
\056\357
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Tunisian Root Certificate Authority - TunRootCA2"

Issuer: O=National Digital Certification Agency,CN=Tunisian Root Certificate Authority - TunRootCA2,C=TN

Serial Number:21:66:15:05:05:27:05:05:bc:8a:b0:1d:af:0a:be:c4

Subject: O=National Digital Certification Agency,CN=Tunisian Root Certificate Authority - TunRootCA2,C=TN

Not Valid Before: Tue May 05 08:57:01 2015

Not Valid After: Wed May 05 08:57:01 2027

Fingerprint (MD5): 03:d1:25:b1:f0:55:ad:ca:dd:7c:59:93:50:ef:17:21

Fingerprint (SHA1): 96:38:63:3c:90:56:ae:88:14:a0:65:d2:3b:dc:60:a0:ee:70:2f:a7

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Tunisian Root Certificate Authority - TunRootCA2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\170\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\071\060\067\006\003\125\004\003\023\060\124\165\156\151\163\151
\141\156\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\124\165\156\122\157\157\164\103\101\062\061\056\060\054\006\003
\125\004\012\023\045\116\141\164\151\157\156\141\154\040\104\151
\147\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\147\145\156\143\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\170\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\071\060\067\006\003\125\004\003\023\060\124\165\156\151\163\151
\141\156\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\124\165\156\122\157\157\164\103\101\062\061\056\060\054\006\003
\125\004\012\023\045\116\141\164\151\157\156\141\154\040\104\151
\147\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\147\145\156\143\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\041\146\025\005\005\047\005\005\274\212\260\035\257\012
\276\304

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\274\060\202\003\244\240\003\002\001\002\002\020\041
\146\025\005\005\047\005\005\274\212\260\035\257\012\276\304\060

\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\170
\061\013\060\011\006\003\125\004\006\023\002\124\116\061\071\060
\067\006\003\125\004\003\023\060\124\165\156\151\163\151\141\156
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\145\040\101\165\164\150\157\162\151\164\171\040\055\040\124\165
\156\122\157\157\164\103\101\062\061\056\060\054\006\003\125\004
\012\023\045\116\141\164\151\157\156\141\154\040\104\151\147\151
\164\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\147\145\156\143\171\060\036\027\015\061\065\060\065
\060\065\060\070\065\067\060\061\132\027\015\062\067\060\065\060
\065\060\070\065\067\060\061\132\060\170\061\013\060\011\006\003
\125\004\006\023\002\124\116\061\071\060\067\006\003\125\004\003
\023\060\124\165\156\151\163\151\141\156\040\122\157\157\164\040
\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150
\157\162\151\164\171\040\055\040\124\165\156\122\157\157\164\103
\101\062\061\056\060\054\006\003\125\004\012\023\045\116\141\164
\151\157\156\141\154\040\104\151\147\151\164\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\147\145\156
\143\171\060\202\002\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202
\002\001\000\260\007\347\142\373\320\015\125\316\147\267\127\215
\156\014\251\047\124\036\353\251\044\253\147\217\217\234\141\017
\333\050\062\057\073\370\054\145\222\055\256\272\063\222\300\053
\236\362\037\136\155\043\135\263\130\037\215\241\300\155\165\205
\012\260\023\116\133\126\106\213\071\275\013\202\273\072\103\233
\010\272\106\356\371\027\353\315\310\327\343\165\023\336\256\121
\110\012\316\040\225\106\237\002\354\125\214\164\252\132\374\374
\352\011\063\065\156\243\107\006\307\335\176\204\150\016\307\022
\312\224\303\355\346\154\002\155\336\002\211\065\263\004\313\105
\370\174\107\244\323\037\337\345\134\043\342\363\042\173\271\113
\242\375\027\065\135\110\351\277\365\263\045\143\213\347\170\353
\374\165\047\275\210\134\246\205\077\101\337\225\174\335\172\106
\217\376\036\332\261\253\330\323\216\315\006\214\311\330\122\102
\021\122\242\203\217\134\203\173\344\047\266\217\037\240\136\075
\322\165\175\171\123\223\006\227\343\003\307\226\054\332\001\074
\171\305\073\120\350\260\323\241\244\342\323\203\175\104\370\020
\317\240\032\052\362\145\200\275\167\301\230\145\166\256\022\041
\142\312\072\276\276\265\231\303\133\304\321\277\233\300\012\312
\130\036\025\246\327\041\136\261\115\012\345\160\170\232\150\346
\164\146\062\024\052\036\021\276\210\367\006\366\125\243\303\037
\156\027\220\125\321\212\100\211\126\103\325\117\346\242\311\210
\144\000\005\121\077\127\264\074\266\276\152\221\161\100\361\242
\134\361\327\355\234\266\127\366\131\324\052\021\345\324\345\277
\273\036\321\310\327\137\104\005\233\273\211\072\255\247\103\167
\176\025\140\174\210\135\233\354\245\134\322\106\255\014\213\124
\105\324\224\121\125\105\122\252\134\330\021\254\370\126\042\154
\331\322\024\351\267\116\102\205\124\106\370\001\306\075\046\006
\167\350\262\065\033\360\235\102\311\177\376\200\047\001\120\313

\177\305\254\124\372\153\155\226\214\101\244\241\322\347\265\221
\110\157\167\034\213\302\053\164\376\074\134\304\135\224\316\253
\361\040\226\153\301\014\132\137\371\345\065\271\154\243\020\147
\357\221\252\110\016\357\110\267\166\130\142\331\276\236\102\263
\244\275\065\002\003\001\000\001\243\102\060\100\060\035\006\003
\125\035\016\004\026\004\024\314\163\305\243\152\051\061\227\247
\215\240\330\124\301\012\165\266\043\077\246\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011
\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000
\056\362\207\110\355\231\236\237\001\014\074\311\012\170\123\174
\030\065\336\266\345\154\364\000\200\341\233\213\331\372\373\252
\373\145\267\322\311\365\327\247\313\176\311\261\242\161\130\155
\131\067\326\340\063\020\312\265\331\162\333\116\045\067\252\246
\335\035\030\275\365\311\212\234\172\210\356\037\002\304\055\222
\124\175\127\342\134\031\030\043\002\172\134\111\225\266\230\347
\302\140\101\145\100\273\354\132\267\161\234\120\362\163\166\373
\137\015\357\065\317\264\151\215\205\350\114\220\027\003\013\311
\263\056\040\067\143\021\142\246\117\343\064\340\373\171\125\347
\306\302\256\102\376\260\064\154\111\043\016\162\007\173\146\005
\125\110\373\022\017\240\300\372\116\321\373\075\314\376\375\026
\113\126\120\315\021\054\247\233\367\261\012\317\246\353\357\335
\216\270\256\102\010\174\244\214\224\352\206\307\103\343\367\074
\212\337\107\322\060\100\310\055\123\365\157\021\111\314\041\214
\226\103\117\020\240\107\241\126\215\037\034\133\330\126\133\353
\064\166\341\065\072\161\324\314\041\057\236\065\050\362\132\336
\236\344\356\107\152\020\350\070\275\112\264\175\004\177\005\256
\110\012\264\003\277\056\263\012\033\237\313\255\335\115\320\207
\041\267\107\166\202\203\055\307\127\276\232\025\243\033\060\030
\154\243\072\161\157\144\107\050\222\333\021\141\040\232\167\145
\055\371\254\126\023\154\113\243\137\377\233\244\350\357\347\130
\350\173\236\073\177\152\247\276\071\012\023\224\311\110\116\146
\144\330\123\114\354\101\153\375\374\066\056\327\016\337\141\013
\173\265\100\254\335\102\111\155\236\200\277\140\225\360\351\300
\077\173\273\030\351\070\265\126\116\247\176\212\142\357\230\036
\370\170\100\251\273\330\351\345\264\264\371\343\147\234\354\123
\317\270\102\264\057\223\201\065\240\154\366\272\040\212\150\075
\367\155\377\177\323\114\367\172\224\150\003\167\103\073\065\121
\252\123\022\076\107\023\024\071\254\326\145\217\250\106\377\074
\041\364\322\277\320\110\244\176\247\121\233\227\022\365\231\064
\027\043\126\204\023\143\313\064\312\037\312\272\250\007\051\363
\103\044\012\111\177\375\016\324\220\360\253\103\041\142\234\217
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

```

# Trust for "Tunisian Root Certificate Authority - TunRootCA2"
# Issuer: O=National Digital Certification Agency,CN=Tunisian Root Certificate Authority - TunRootCA2,C=TN
# Serial Number:21:66:15:05:05:27:05:05:bc:8a:b0:1d:af:0a:be:c4
# Subject: O=National Digital Certification Agency,CN=Tunisian Root Certificate Authority - TunRootCA2,C=TN
# Not Valid Before: Tue May 05 08:57:01 2015
# Not Valid After: Wed May 05 08:57:01 2027
# Fingerprint (MD5): 03:d1:25:b1:f0:55:ad:ca:dd:7c:59:93:50:ef:17:21
# Fingerprint (SHA1): 96:38:63:3c:90:56:ae:88:14:a0:65:d2:3b:dc:60:a0:ee:70:2f:a7
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Tunisian Root Certificate Authority - TunRootCA2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\226\070\143\074\220\126\256\210\024\240\145\322\073\334\140\240
\356\160\057\247
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\003\321\045\261\360\125\255\312\335\174\131\223\120\357\027\041
END
CKA_ISSUER MULTILINE_OCTAL
\060\170\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\071\060\067\006\003\125\004\003\023\060\124\165\156\151\163\151
\141\156\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\124\165\156\122\157\157\164\103\101\062\061\056\060\054\006\003
\125\004\012\023\045\116\141\164\151\157\156\141\154\040\104\151
\147\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\147\145\156\143\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\146\025\005\005\047\005\005\274\212\260\035\257\012
\276\304
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "OpenTrust Root CA G1"
# Issuer: CN=OpenTrust Root CA G1,O=OpenTrust,C=FR
# Serial Number:11:20:b3:90:55:39:7d:7f:36:6d:64:c2:a7:9f:6b:63:8e:67
# Subject: CN=OpenTrust Root CA G1,O=OpenTrust,C=FR
# Not Valid Before: Mon May 26 08:45:50 2014
# Not Valid After: Fri Jan 15 00:00:00 2038
# Fingerprint (MD5): 76:00:cc:81:29:cd:55:5e:88:6a:7a:2e:f7:4d:39:da
# Fingerprint (SHA1): 79:91:e8:34:f7:e2:ee:dd:08:95:01:52:e9:55:2d:14:e9:58:d5:7e

```



```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OpenTrust Root CA G1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\040\263\220\125\071\175\177\066\155\144\302\247\237
\153\143\216\147
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\157\060\202\003\127\240\003\002\001\002\002\022\021
\040\263\220\125\071\175\177\066\155\144\302\247\237\153\143\216
\147\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\061\060\036\027\015\061\064\060\065\062\066\060\070\064\065
\065\060\132\027\015\063\070\060\061\061\065\060\060\060\060\060
\060\132\060\100\061\013\060\011\006\003\125\004\006\023\002\106
\122\061\022\060\020\006\003\125\004\012\014\011\117\160\145\156
\124\162\165\163\164\061\035\060\033\006\003\125\004\003\014\024
\117\160\145\156\124\162\165\163\164\040\122\157\157\164\040\103
\101\040\107\061\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\370\171\106\332\226\305\060\136\212\161\003
\055\160\244\273\260\305\010\334\315\346\065\300\200\244\021\055
\335\346\207\256\135\075\221\322\207\154\067\267\332\142\236\233
\302\044\327\217\361\333\246\246\337\106\157\121\246\161\313\076
\033\061\147\142\367\021\133\064\047\325\171\116\214\233\130\275
\042\020\015\134\047\014\335\060\345\250\323\135\041\070\164\027
\376\343\037\266\117\073\153\055\333\175\140\037\214\175\114\005
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\302\353\001\026\025\230\024\216\321\220\167\042\077\354\302\071
\270\171\072\360\111\044\342\225\221\334\141\064\222\214\124\164
\357\261\175\214\001\342\070\175\301\137\152\137\044\262\216\142
\027\255\171\040\255\253\035\267\340\264\226\110\117\146\103\020
\006\026\044\003\341\340\234\216\306\106\117\216\032\231\341\217
\271\216\063\154\151\336\130\255\240\016\247\144\124\021\151\104
\146\117\114\022\247\216\054\175\304\324\133\305\000\064\060\301
\331\231\376\062\316\007\204\264\116\315\012\377\066\115\142\361
\247\143\127\344\333\152\247\256\277\053\271\311\346\262\047\211
\345\176\232\034\115\150\306\301\030\336\063\053\121\106\113\034
\216\367\075\014\371\212\064\024\304\373\063\065\043\361\314\361
\052\307\245\273\260\242\316\376\123\153\115\101\033\146\050\262
\226\372\247\256\012\116\271\071\063\104\234\164\301\223\034\370
\340\236\044\045\103\361\233\043\202\252\337\054\040\260\334\066
\116\003\263\174\002\324\346\173\032\252\207\023\277\076\241\164
\273\233\016\341\300\223\237\327\244\146\312\273\033\073\343\060
\364\063\131\212\007\162\003\125\347\163\152\003\061\156\157\226
\033\343\242\237\257\222\307\355\365\102\267\045\114\073\023\004
\317\034\226\257\034\042\243\320\253\005\262\114\022\043\122\334
\375\031\133\047\234\036\073\172\375\102\043\333\043\200\023\360
\274\121\025\124\224\246\167\076\320\164\121\275\121\024\010\071
\067\313\037\064\251\060\235\122\204\056\125\220\261\272\337\125
\000\013\330\126\055\261\111\111\162\200\251\142\327\300\366\030
\021\004\125\315\164\173\317\141\160\171\364\173\054\134\134\222
\374\345\270\132\253\114\223\225\241\047\356\245\276\317\161\043
\102\272\233\166\055\002\003\001\000\001\243\143\060\141\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\035\006\003\125\035\016\004\026\004\024\227\106\041\127\041\065
\332\066\125\307\363\361\067\160\345\010\366\223\051\266\060\037
\006\003\125\035\043\004\030\060\026\200\024\227\106\041\127\041
\065\332\066\125\307\363\361\067\160\345\010\366\223\051\266\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202
\002\001\000\035\335\002\140\174\340\065\247\346\230\173\352\104
\316\147\100\117\362\223\156\146\324\071\211\046\254\323\115\004
\074\273\207\041\077\067\364\161\045\332\113\272\253\226\202\201
\221\266\355\331\261\244\145\227\342\157\144\131\244\226\356\140
\312\037\043\373\105\272\377\217\044\360\312\251\061\177\171\037
\200\263\055\062\272\144\147\140\257\271\131\315\337\232\111\323
\250\202\261\371\230\224\212\314\340\273\340\004\033\231\140\261
\106\145\334\010\242\262\106\236\104\210\352\223\176\127\026\322
\025\162\137\056\113\253\324\235\143\270\343\110\345\376\204\056
\130\012\237\103\035\376\267\030\222\206\103\113\016\234\062\206
\054\140\365\351\110\352\225\355\160\051\361\325\057\375\065\264
\127\317\333\205\110\231\271\302\157\154\217\315\170\225\254\144
\050\375\126\260\303\157\303\276\131\122\341\137\204\217\200\362
\364\015\066\255\166\263\243\265\341\144\166\072\130\334\175\117
\136\126\154\345\125\131\127\245\337\361\212\146\060\214\324\122

```
\142\070\167\264\276\050\327\312\066\304\233\005\360\370\025\333
\333\361\357\064\235\035\170\112\210\126\147\156\140\377\217\310
\213\341\216\275\102\251\063\012\131\102\022\022\052\372\261\235
\103\216\005\233\231\332\142\255\127\066\263\035\266\015\171\055
\226\270\353\362\014\113\014\245\224\306\060\247\046\031\055\355
\114\006\120\060\361\375\130\075\271\113\027\137\031\264\152\204
\124\264\070\117\071\242\015\226\150\303\050\224\375\355\055\037
\112\153\103\226\056\220\001\020\373\070\246\201\013\320\277\165
\323\324\271\316\361\077\157\016\034\036\067\161\345\030\207\165
\031\077\120\271\136\244\105\064\255\260\312\346\345\023\166\017
\061\024\251\216\055\224\326\325\205\115\163\025\117\113\362\262
\076\355\154\275\375\016\235\146\163\260\075\264\367\277\250\340
\021\244\304\256\165\011\112\143\000\110\040\246\306\235\013\011
\212\264\340\346\316\076\307\076\046\070\351\053\336\246\010\111
\003\004\220\212\351\217\277\350\266\264\052\243\043\215\034\034
\262\071\222\250\217\002\134\100\071\165\324\163\101\002\167\336
\315\340\103\207\326\344\272\112\303\154\022\177\376\052\346\043
\326\214\161
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "OpenTrust Root CA G1"
```

```
# Issuer: CN=OpenTrust Root CA G1,O=OpenTrust,C=FR
```

```
# Serial Number:11:20:b3:90:55:39:7d:7f:36:6d:64:c2:a7:9f:6b:63:8e:67
```

```
# Subject: CN=OpenTrust Root CA G1,O=OpenTrust,C=FR
```

```
# Not Valid Before: Mon May 26 08:45:50 2014
```

```
# Not Valid After: Fri Jan 15 00:00:00 2038
```

```
# Fingerprint (MD5): 76:00:cc:81:29:cd:55:5e:88:6a:7a:2e:f7:4d:39:da
```

```
# Fingerprint (SHA1): 79:91:e8:34:f7:e2:ee:dd:08:95:01:52:e9:55:2d:14:e9:58:d5:7e
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "OpenTrust Root CA G1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\171\221\350\064\367\342\356\335\010\225\001\122\351\125\055\024
\351\130\325\176
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\166\000\314\201\051\315\125\136\210\152\172\056\367\115\071\332
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
```

\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\022\021\040\263\220\125\071\175\177\066\155\144\302\247\237
\153\143\216\147

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "OpenTrust Root CA G2"

Issuer: CN=OpenTrust Root CA G2,O=OpenTrust,C=FR

Serial Number: 11:20:a1:69:1b:bf:bd:b9:bd:52:96:8f:23:e8:48:bf:26:11

Subject: CN=OpenTrust Root CA G2,O=OpenTrust,C=FR

Not Valid Before: Mon May 26 00:00:00 2014

Not Valid After: Fri Jan 15 00:00:00 2038

Fingerprint (MD5): 57:24:b6:59:24:6b:ae:c8:fe:1c:0c:20:f2:c0:4e:eb

Fingerprint (SHA1): 79:5f:88:60:c5:ab:7c:3d:92:e6:cb:f4:8d:e1:45:cd:11:ef:60:0b

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "OpenTrust Root CA G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\022\021\040\241\151\033\277\275\271\275\122\226\217\043\350
\110\277\046\021

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\157\060\202\003\127\240\003\002\001\002\002\022\021

\040\241\151\033\277\275\271\275\122\226\217\043\350\110\277\046
\021\060\015\006\011\052\206\110\206\367\015\001\001\015\005\000
\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\062\060\036\027\015\061\064\060\065\062\066\060\060\060\060
\060\060\132\027\015\063\070\060\061\061\065\060\060\060\060\060
\060\132\060\100\061\013\060\011\006\003\125\004\006\023\002\106
\122\061\022\060\020\006\003\125\004\012\014\011\117\160\145\156
\124\162\165\163\164\061\035\060\033\006\003\125\004\003\014\024
\117\160\145\156\124\162\165\163\164\040\122\157\157\164\040\103
\101\040\107\062\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\314\266\127\245\063\224\020\201\062\123\337
\141\176\017\166\071\317\134\302\123\165\035\111\172\226\070\335
\242\163\152\361\157\336\136\242\132\271\161\041\276\066\331\241
\374\274\356\154\250\174\064\032\161\032\350\032\330\137\016\104
\006\355\247\340\363\322\141\013\340\062\242\226\321\070\360\302
\332\001\027\374\344\254\117\350\356\211\036\164\253\117\277\036
\011\266\066\152\126\363\341\356\226\211\146\044\006\344\315\102
\072\112\335\340\232\260\304\202\105\263\376\311\253\134\174\076
\311\353\027\057\014\175\156\256\245\217\310\254\045\012\157\372
\325\105\230\322\065\011\366\003\103\224\376\331\277\040\225\171
\200\230\212\331\211\065\273\121\033\244\067\175\374\231\073\253
\377\277\254\015\217\103\261\231\173\026\020\176\035\157\107\304
\025\217\004\226\010\006\102\004\370\204\326\035\274\221\246\102
\276\111\325\152\210\077\274\055\121\321\236\215\340\122\314\127
\335\065\065\130\333\264\217\044\210\344\213\337\334\153\124\322
\201\053\262\316\222\113\034\037\106\372\035\330\222\313\166\147
\265\011\231\011\345\254\027\024\125\160\306\074\240\126\012\003
\263\334\142\031\337\310\265\060\177\365\074\046\165\021\275\327
\033\263\207\236\007\257\145\161\345\240\317\032\247\011\020\035
\223\211\146\133\350\074\142\062\265\265\072\156\351\205\001\213
\236\103\214\147\163\050\131\133\353\343\334\054\314\245\046\162
\142\022\264\346\234\203\104\366\121\244\342\300\172\044\127\312
\016\245\077\072\265\073\213\345\166\356\160\346\222\336\026\134
\050\133\227\031\047\222\376\172\222\124\316\223\071\012\026\207
\274\143\263\365\261\223\134\340\156\267\320\352\371\142\062\210
\104\373\277\047\050\266\060\225\135\022\050\271\225\276\217\123
\030\345\242\030\026\342\126\244\262\054\020\365\035\067\246\370
\267\366\320\131\134\211\367\302\325\265\224\164\321\325\376\033
\266\360\346\326\036\173\322\074\313\250\343\365\030\363\041\037
\156\357\115\150\006\173\055\135\156\103\211\246\300\371\240\277
\202\036\317\123\177\264\353\054\333\135\366\152\175\100\044\005
\162\211\070\001\223\313\161\302\071\135\006\021\366\157\170\370
\067\015\071\204\047\002\003\001\000\001\243\143\060\141\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017

\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\035\006\003\125\035\016\004\026\004\024\152\071\372\102\042\367
\346\211\000\115\136\175\063\203\313\270\156\167\206\257\060\037
\006\003\125\035\043\004\030\060\026\200\024\152\071\372\102\042
\367\346\211\000\115\136\175\063\203\313\270\156\167\206\257\060
\015\006\011\052\206\110\206\367\015\001\001\015\005\000\003\202
\002\001\000\230\313\253\100\074\345\063\002\227\177\055\207\246
\217\324\136\112\257\270\036\347\273\161\373\200\144\045\251\263
\032\076\150\135\047\046\247\272\052\341\360\127\203\012\144\117
\036\042\164\033\351\220\137\360\254\317\377\117\150\172\070\244
\020\154\015\261\307\244\167\200\030\266\242\050\104\166\247\064
\235\161\204\057\312\131\322\107\210\231\101\042\311\060\230\141
\156\075\250\250\005\155\321\037\300\121\104\126\177\047\065\002
\335\136\230\012\102\353\060\277\215\241\233\121\252\073\352\223
\106\144\305\000\171\336\041\153\366\127\240\206\327\006\162\354
\160\106\113\213\163\335\240\041\165\076\334\035\300\217\323\117
\163\034\205\331\376\177\142\310\225\157\266\323\173\214\272\123
\302\157\233\104\114\171\320\035\160\263\327\237\002\364\262\007
\260\307\345\370\255\043\016\246\126\311\051\022\167\110\331\057
\106\375\073\360\374\164\160\222\245\216\070\010\037\144\060\266
\267\113\373\066\254\020\216\240\122\063\143\235\003\065\126\305
\151\275\306\043\132\047\224\366\244\022\370\055\063\074\241\126
\245\137\326\031\351\355\174\010\275\167\315\047\144\314\224\332
\116\106\120\207\340\371\301\123\200\036\273\255\373\107\122\213
\033\375\242\371\336\016\042\267\075\063\131\154\324\336\365\225
\006\062\015\121\031\101\134\076\117\006\367\271\053\200\047\366
\243\252\172\174\006\341\103\303\023\071\142\032\066\275\340\050
\056\224\002\344\051\056\140\125\256\100\075\260\164\222\136\360
\040\144\226\077\137\105\135\210\265\212\332\002\240\133\105\124
\336\070\075\011\300\250\112\145\106\026\374\252\277\124\116\115
\133\276\070\103\267\050\312\213\063\252\032\045\272\045\134\051
\057\133\112\156\214\352\055\234\052\366\005\166\340\167\227\200
\210\335\147\023\157\035\150\044\213\117\267\164\201\345\364\140
\237\172\125\327\076\067\332\026\153\076\167\254\256\030\160\225
\010\171\051\003\212\376\301\073\263\077\032\017\244\073\136\037
\130\241\225\311\253\057\163\112\320\055\156\232\131\017\125\030
\170\055\074\121\246\227\213\346\273\262\160\252\114\021\336\377
\174\053\067\324\172\321\167\064\217\347\371\102\367\074\201\014
\113\122\012

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "OpenTrust Root CA G2"
Issuer: CN=OpenTrust Root CA G2,O=OpenTrust,C=FR
Serial Number: 11:20:a1:69:1b:bf:bd:b9:bd:52:96:8f:23:e8:48:bf:26:11

```
# Subject: CN=OpenTrust Root CA G2,O=OpenTrust,C=FR
# Not Valid Before: Mon May 26 00:00:00 2014
# Not Valid After: Fri Jan 15 00:00:00 2038
# Fingerprint (MD5): 57:24:b6:59:24:6b:ae:c8:fe:1c:0c:20:f2:c0:4e:eb
# Fingerprint (SHA1): 79:5f:88:60:c5:ab:7c:3d:92:e6:cb:f4:8d:e1:45:cd:11:ef:60:0b
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OpenTrust Root CA G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\171\137\210\140\305\253\174\075\222\346\313\364\215\341\105\315
\021\357\140\013
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\127\044\266\131\044\153\256\310\376\034\014\040\362\300\116\353
END
CKA_ISSUER MULTILINE_OCTAL
\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\040\241\151\033\277\275\271\275\122\226\217\043\350
\110\277\046\021
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "OpenTrust Root CA G3"
# Issuer: CN=OpenTrust Root CA G3,O=OpenTrust,C=FR
# Serial Number:11:20:e6:f8:4c:fc:24:b0:be:05:40:ac:da:83:1b:34:60:3f
# Subject: CN=OpenTrust Root CA G3,O=OpenTrust,C=FR
# Not Valid Before: Mon May 26 00:00:00 2014
# Not Valid After: Fri Jan 15 00:00:00 2038
# Fingerprint (MD5): 21:37:b4:17:16:92:7b:67:46:70:a9:96:d7:a8:13:24
# Fingerprint (SHA1): 6e:26:64:f3:56:bf:34:55:bf:d1:93:3f:7c:01:de:d8:13:da:8a:a6
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OpenTrust Root CA G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

CKA_SUBJECT MULTILINE_OCTAL

\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\022\021\040\346\370\114\374\044\260\276\005\100\254\332\203
\033\064\140\077

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\041\060\202\001\246\240\003\002\001\002\002\022\021
\040\346\370\114\374\044\260\276\005\100\254\332\203\033\064\140
\077\060\012\006\010\052\206\110\316\075\004\003\003\060\100\061
\013\060\011\006\003\125\004\006\023\002\106\122\061\022\060\020
\006\003\125\004\012\014\011\117\160\145\156\124\162\165\163\164
\061\035\060\033\006\003\125\004\003\014\024\117\160\145\156\124
\162\165\163\164\040\122\157\157\164\040\103\101\040\107\063\060
\036\027\015\061\064\060\065\062\066\060\060\060\060\060\132
\027\015\063\070\060\061\061\065\060\060\060\060\060\132\060
\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061\022
\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162\165
\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160\145
\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040\107
\063\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\112\356\130\256\115\312\146
\336\006\072\243\021\374\340\030\360\156\034\272\055\060\014\211
\331\326\356\233\163\203\251\043\025\214\057\131\212\132\335\024
\352\235\131\053\103\267\006\354\062\266\272\356\101\265\255\135
\241\205\314\352\035\024\146\243\147\176\106\342\224\363\347\266
\126\241\025\131\241\117\067\227\271\042\036\275\021\353\364\262
\037\136\303\024\232\345\331\227\231\243\143\060\141\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035
\006\003\125\035\016\004\026\004\024\107\167\303\024\213\142\071
\014\311\157\341\120\115\320\020\130\334\225\210\155\060\037\006
\003\125\035\043\004\030\060\026\200\024\107\167\303\024\213\142
\071\014\311\157\341\120\115\320\020\130\334\225\210\155\060\012
\006\010\052\206\110\316\075\004\003\003\003\151\000\060\146\002


```
\061\000\217\250\334\235\272\014\004\027\372\025\351\075\057\051
\001\227\277\201\026\063\100\223\154\374\371\355\200\160\157\252
\217\333\204\302\213\365\065\312\006\334\144\157\150\026\341\217
\221\271\002\061\000\330\113\245\313\302\320\010\154\351\030\373
\132\335\115\137\044\013\260\000\041\045\357\217\247\004\046\161
\342\174\151\345\135\232\370\101\037\073\071\223\223\235\125\352
\315\215\361\373\301
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "OpenTrust Root CA G3"

Issuer: CN=OpenTrust Root CA G3,O=OpenTrust,C=FR

Serial Number: 11:20:e6:f8:4c:fc:24:b0:be:05:40:ac:da:83:1b:34:60:3f

Subject: CN=OpenTrust Root CA G3,O=OpenTrust,C=FR

Not Valid Before: Mon May 26 00:00:00 2014

Not Valid After: Fri Jan 15 00:00:00 2038

Fingerprint (MD5): 21:37:b4:17:16:92:7b:67:46:70:a9:96:d7:a8:13:24

Fingerprint (SHA1): 6e:26:64:f3:56:bf:34:55:bf:d1:93:3f:7c:01:de:d8:13:da:8a:a6

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "OpenTrust Root CA G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\156\046\144\363\126\277\064\125\277\321\223\077\174\001\336\330
\023\332\212\246
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\041\067\264\027\026\222\173\147\106\160\251\226\327\250\023\044
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\100\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\117\160\145\156\124\162
\165\163\164\061\035\060\033\006\003\125\004\003\014\024\117\160
\145\156\124\162\165\163\164\040\122\157\157\164\040\103\101\040
\107\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\022\021\040\346\370\114\374\044\260\276\005\100\254\332\203
\033\064\140\077
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Certplus Root CA G1"
# Issuer: CN=Certplus Root CA G1,O=Certplus,C=FR
# Serial Number:11:20:55:83:e4:2d:3e:54:56:85:2d:83:37:b7:2c:dc:46:11
# Subject: CN=Certplus Root CA G1,O=Certplus,C=FR
# Not Valid Before: Mon May 26 00:00:00 2014
# Not Valid After: Fri Jan 15 00:00:00 2038
# Fingerprint (MD5): 7f:09:9c:f7:d9:b9:5c:69:69:56:d5:37:3e:14:0d:42
# Fingerprint (SHA1): 22:fd:d0:b7:fd:a2:4e:0d:ac:49:2c:a0:ac:a6:7b:6a:1f:e3:f7:66
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certplus Root CA G1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\021\060\017\006\003\125\004\012\014\010\103\145\162\164\160\154
\165\163\061\034\060\032\006\003\125\004\003\014\023\103\145\162
\164\160\154\165\163\040\122\157\157\164\040\103\101\040\107\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\021\060\017\006\003\125\004\012\014\010\103\145\162\164\160\154
\165\163\061\034\060\032\006\003\125\004\003\014\023\103\145\162
\164\160\154\165\163\040\122\157\157\164\040\103\101\040\107\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\040\125\203\344\055\076\124\126\205\055\203\067\267
\054\334\106\021
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\153\060\202\003\123\240\003\002\001\002\002\022\021
\040\125\203\344\055\076\124\126\205\055\203\067\267\054\334\106
\021\060\015\006\011\052\206\110\206\367\015\001\001\015\005\000
\060\076\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\021\060\017\006\003\125\004\012\014\010\103\145\162\164\160\154
\165\163\061\034\060\032\006\003\125\004\003\014\023\103\145\162
\164\160\154\165\163\040\122\157\157\164\040\103\101\040\107\061
\060\036\027\015\061\064\060\065\062\066\060\060\060\060\060\060
\132\027\015\063\070\060\061\061\065\060\060\060\060\060\060\132
\060\076\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\021\060\017\006\003\125\004\012\014\010\103\145\162\164\160\154
\165\163\061\034\060\032\006\003\125\004\003\014\023\103\145\162
\164\160\154\165\163\040\122\157\157\164\040\103\101\040\107\061
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
```

\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\332\120\207\266\332\270\251\076\235\144\372\126\063\232\126
\075\026\345\003\225\262\064\034\232\155\142\005\324\330\217\347
\211\144\237\272\333\144\213\144\346\171\052\141\315\257\217\132
\211\221\145\271\130\374\264\003\137\221\077\055\020\025\340\176
\317\274\374\177\103\147\250\255\136\066\043\330\230\263\115\363
\103\236\071\174\052\374\354\210\325\210\356\160\275\205\026\055
\352\113\211\074\243\161\102\376\034\375\323\034\055\020\270\206
\124\352\103\270\333\306\207\332\250\256\200\045\317\172\046\035
\252\221\260\110\157\256\265\336\236\330\327\372\000\375\306\217
\320\121\273\142\175\244\261\214\262\377\040\021\272\065\143\005
\206\107\140\103\063\220\366\107\242\003\117\226\115\235\117\301
\352\352\234\242\376\064\056\336\267\312\033\166\244\267\255\237
\351\250\324\170\077\170\376\362\070\011\066\035\322\026\002\310
\354\052\150\257\365\216\224\357\055\023\172\036\102\112\035\025
\061\256\014\004\127\374\141\163\363\061\126\206\061\200\240\304
\021\156\060\166\343\224\360\137\004\304\254\207\162\211\230\305
\235\314\127\010\232\364\014\374\175\172\005\072\372\107\200\071
\266\317\204\023\167\157\047\352\377\226\147\027\010\155\351\015
\326\043\120\060\260\025\164\023\076\345\057\377\016\315\304\013
\112\135\360\330\000\063\111\146\353\241\030\174\131\056\075\050
\271\141\161\313\265\245\272\270\352\334\342\160\157\010\152\334
\207\147\064\357\337\060\162\335\363\311\077\043\377\065\341\276
\041\051\040\060\201\344\031\245\040\351\045\312\163\061\164\051
\276\342\102\325\363\262\046\146\307\150\375\031\263\347\040\223
\231\350\135\340\136\207\347\106\350\045\234\012\051\044\324\315
\130\206\122\100\044\262\173\017\230\022\040\044\366\220\154\107
\310\015\273\030\040\056\331\375\374\213\362\051\352\207\164\225
\340\102\120\170\204\004\101\141\260\364\041\043\217\055\313\050
\041\362\152\154\364\032\246\305\024\264\067\145\117\225\375\200
\310\370\162\345\045\153\304\140\261\173\155\216\112\212\163\316
\131\373\160\172\163\006\023\331\323\164\067\044\101\012\021\157
\227\334\347\344\176\241\275\025\362\272\207\017\075\150\212\026
\007\002\003\001\000\001\243\143\060\141\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125
\035\016\004\026\004\024\250\301\300\233\221\250\103\025\174\135
\006\047\264\052\121\330\227\013\201\261\060\037\006\003\125\035
\043\004\030\060\026\200\024\250\301\300\233\221\250\103\025\174
\135\006\047\264\052\121\330\227\013\201\261\060\015\006\011\052
\206\110\206\367\015\001\001\015\005\000\003\202\002\001\000\234
\126\157\001\176\321\275\114\365\212\306\360\046\037\344\340\070
\030\314\062\303\051\073\235\101\051\064\141\306\327\360\000\241
\353\244\162\217\224\027\274\023\054\165\264\127\356\012\174\011
\172\334\325\312\241\320\064\023\370\167\253\237\345\376\330\036
\164\212\205\007\217\177\314\171\172\312\226\315\315\375\117\373
\375\043\015\220\365\364\136\323\306\141\175\236\021\340\002\356
\011\004\331\007\335\246\212\267\014\203\044\273\203\120\222\376

\140\165\021\076\330\235\260\212\172\265\340\235\233\313\220\122
\113\260\223\052\324\076\026\063\345\236\306\145\025\076\144\073
\004\077\333\014\217\137\134\035\151\037\257\363\351\041\214\363
\357\227\366\232\267\031\266\204\164\234\243\124\265\160\116\143
\330\127\135\123\041\233\100\222\103\372\326\167\125\063\117\144
\325\373\320\054\152\216\155\045\246\357\205\350\002\304\123\076
\271\236\207\274\314\065\032\336\241\351\212\143\207\145\036\021
\052\333\143\167\227\024\276\232\024\231\021\262\300\356\260\117
\370\024\041\062\103\117\237\253\242\313\250\017\252\073\006\125
\306\022\051\127\010\324\067\327\207\047\255\111\131\247\221\253
\104\172\136\215\160\333\227\316\110\120\261\163\223\366\360\203
\140\371\315\361\341\061\375\133\174\161\041\143\024\024\252\257
\305\336\223\176\150\261\354\042\242\252\220\165\236\265\103\162
\352\144\243\204\113\375\014\250\046\153\161\227\356\126\143\146
\350\102\124\371\307\035\337\320\217\133\337\310\060\157\210\376
\015\304\063\034\123\250\243\375\110\020\362\344\012\116\341\025
\127\374\156\144\060\302\125\021\334\352\251\315\112\124\254\051
\143\104\317\112\100\240\326\150\131\033\063\371\357\072\213\333
\040\222\334\102\204\277\001\253\207\300\325\040\202\333\306\271
\203\205\102\134\017\103\073\152\111\065\325\230\364\025\277\372
\141\201\014\011\040\030\322\320\027\014\313\110\000\120\351\166
\202\214\144\327\072\240\007\125\314\036\061\300\357\072\264\145
\373\343\277\102\153\236\017\250\275\153\230\334\330\333\313\213
\244\335\327\131\364\156\335\376\252\303\221\320\056\102\007\300
\014\115\123\315\044\261\114\133\036\121\364\337\351\222\372

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Certplus Root CA G1"
Issuer: CN=Certplus Root CA G1,O=Certplus,C=FR
Serial Number: 11:20:55:83:e4:2d:3e:54:56:85:2d:83:37:b7:2c:dc:46:11
Subject: CN=Certplus Root CA G1,O=Certplus,C=FR
Not Valid Before: Mon May 26 00:00:00 2014
Not Valid After: Fri Jan 15 00:00:00 2038
Fingerprint (MD5): 7f:09:9c:f7:d9:b9:5c:69:69:56:d5:37:3e:14:0d:42
Fingerprint (SHA1): 22:fd:d0:b7:fd:a2:4e:0d:ac:49:2c:a0:ac:a6:7b:6a:1f:e3:f7:66
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certplus Root CA G1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\042\375\320\267\375\242\116\015\254\111\054\240\254\246\173\152
\037\343\367\146
END

```

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\177\011\234\367\331\271\134\151\151\126\325\067\076\024\015\102
END
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\021\060\017\006\003\125\004\012\014\010\103\145\162\164\160\154
\165\163\061\034\060\032\006\003\125\004\003\014\023\103\145\162
\164\160\154\165\163\040\122\157\157\164\040\103\101\040\107\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\040\125\203\344\055\076\124\126\205\055\203\067\267
\054\334\106\021
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Certplus Root CA G2"
# Issuer: CN=Certplus Root CA G2,O=Certplus,C=FR
# Serial Number: 11:20:d9:91:ce:ae:a3:e8:c5:e7:ff:e9:02:af:cf:73:bc:55
# Subject: CN=Certplus Root CA G2,O=Certplus,C=FR
# Not Valid Before: Mon May 26 00:00:00 2014
# Not Valid After: Fri Jan 15 00:00:00 2038
# Fingerprint (MD5): a7:ee:c4:78:2d:1b:ee:2d:b9:29:ce:d6:a7:96:32:31
# Fingerprint (SHA1): 4f:65:8e:1f:e9:06:d8:28:02:e9:54:47:41:c9:54:25:5d:69:cc:1a
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certplus Root CA G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\021\060\017\006\003\125\004\012\014\010\103\145\162\164\160\154
\165\163\061\034\060\032\006\003\125\004\003\014\023\103\145\162
\164\160\154\165\163\040\122\157\157\164\040\103\101\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\021\060\017\006\003\125\004\012\014\010\103\145\162\164\160\154
\165\163\061\034\060\032\006\003\125\004\003\014\023\103\145\162
\164\160\154\165\163\040\122\157\157\164\040\103\101\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\040\331\221\316\256\243\350\305\347\377\351\002\257

```

\317\163\274\125

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\034\060\202\001\242\240\003\002\001\002\002\022\021
\040\331\221\316\256\243\350\305\347\377\351\002\257\317\163\274
\125\060\012\006\010\052\206\110\316\075\004\003\003\060\076\061
\013\060\011\006\003\125\004\006\023\002\106\122\061\021\060\017
\006\003\125\004\012\014\010\103\145\162\164\160\154\165\163\061
\034\060\032\006\003\125\004\003\014\023\103\145\162\164\160\154
\165\163\040\122\157\157\164\040\103\101\040\107\062\060\036\027
\015\061\064\060\065\062\066\060\060\060\060\060\132\027\015
\063\070\060\061\061\065\060\060\060\060\060\132\060\076\061
\013\060\011\006\003\125\004\006\023\002\106\122\061\021\060\017
\006\003\125\004\012\014\010\103\145\162\164\160\154\165\163\061
\034\060\032\006\003\125\004\003\014\023\103\145\162\164\160\154
\165\163\040\122\157\157\164\040\103\101\040\107\062\060\166\060
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000
\042\003\142\000\004\315\017\133\126\202\337\360\105\032\326\255
\367\171\360\035\311\254\226\326\236\116\234\037\264\102\021\312
\206\277\155\373\205\243\305\345\031\134\327\356\246\077\151\147
\330\170\342\246\311\304\333\055\171\056\347\213\215\002\157\061
\042\115\006\343\140\162\105\235\016\102\167\236\316\317\345\177
\205\233\030\344\374\314\056\162\323\026\223\116\312\231\143\134
\241\005\052\154\006\243\143\060\141\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\332\203\143\002\171\216\332\114\306\074\043
\024\330\217\303\040\253\050\140\131\060\037\006\003\125\035\043
\004\030\060\026\200\024\332\203\143\002\171\216\332\114\306\074
\043\024\330\217\303\040\253\050\140\131\060\012\006\010\052\206
\110\316\075\004\003\003\003\150\000\060\145\002\060\160\376\260
\013\331\367\203\227\354\363\125\035\324\334\263\006\016\376\063
\230\235\213\071\220\153\224\041\355\266\327\135\326\114\327\041
\247\347\277\041\017\053\315\367\052\334\205\007\235\002\061\000
\206\024\026\345\334\260\145\302\300\216\024\237\277\044\026\150
\345\274\371\171\151\334\255\105\053\367\266\061\163\314\006\245
\123\223\221\032\223\256\160\152\147\272\327\236\345\141\032\137

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Certplus Root CA G2"

Issuer: CN=Certplus Root CA G2,O=Certplus,C=FR

Serial Number: 11:20:d9:91:ce:ae:a3:e8:c5:e7:ff:e9:02:af:cf:73:bc:55

Subject: CN=Certplus Root CA G2,O=Certplus,C=FR

Not Valid Before: Mon May 26 00:00:00 2014

```
# Not Valid After: Fri Jan 15 00:00:00 2038
# Fingerprint (MD5): a7:ee:c4:78:2d:1b:ee:2d:b9:29:ce:d6:a7:96:32:31
# Fingerprint (SHA1): 4f:65:8e:1f:e9:06:d8:28:02:e9:54:47:41:c9:54:25:5d:69:cc:1a
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certplus Root CA G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\117\145\216\037\351\006\330\050\002\351\124\107\101\311\124\045
\135\151\314\032
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\247\356\304\170\055\033\356\055\271\051\316\326\247\226\062\061
END
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\021\060\017\006\003\125\004\012\014\010\103\145\162\164\160\154
\165\163\061\034\060\032\006\003\125\004\003\014\023\103\145\162
\164\160\154\165\163\040\122\157\157\164\040\103\101\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\040\331\221\316\256\243\350\305\347\377\351\002\257
\317\163\274\125
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Government Root Certification Authority"
# Issuer: O=Government Root Certification Authority,C=TW
# Serial Number:b6:4b:88:07:e2:23:ee:c8:5c:12:ad:a6:0e:06:a1:f2
# Subject: O=Government Root Certification Authority,C=TW
# Not Valid Before: Fri Sep 28 08:58:51 2012
# Not Valid After: Thu Dec 31 15:59:59 2037
# Fingerprint (MD5): 2f:d4:2d:cd:86:7f:36:b0:5f:1c:e0:53:8d:b6:a2:5b
# Fingerprint (SHA1): b0:91:aa:91:38:47:f3:13:d7:27:bc:ef:c8:17:9f:08:6f:3a:8c:0f
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Government Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156
```

\155\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156
\155\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\266\113\210\007\342\043\356\310\134\022\255\246\016
\006\241\362
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\113\060\202\003\063\240\003\002\001\002\002\021\000
\266\113\210\007\342\043\356\310\134\022\255\246\016\006\241\362
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061\060
\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156\155
\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\060\036\027\015\061\062\060\071\062\070\060\070\065\070\065\061
\132\027\015\063\067\061\062\063\061\061\065\065\071\065\071\132
\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156
\155\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\266\377\227\074\201\276\001\130\044\047\257\216\001\053
\326\162\222\060\062\033\137\233\174\324\324\177\350\241\140\163
\060\127\020\000\372\120\226\044\376\120\346\214\072\225\321\127
\171\204\325\147\123\014\052\202\076\030\134\270\060\046\032\326
\136\306\055\262\004\121\016\357\337\014\143\107\353\304\022\010
\121\053\231\161\136\325\151\173\341\135\311\167\035\040\354\126
\216\345\141\140\055\374\351\034\200\337\372\152\203\273\005\265
\036\043\022\234\202\312\012\363\024\035\040\344\006\217\103\044
\231\237\266\012\223\132\163\033\026\071\276\005\266\361\214\245
\144\222\217\005\344\134\166\367\071\303\317\055\275\016\330\313
\250\016\061\233\311\106\017\147\123\103\004\217\310\262\310\203
\200\137\272\362\017\253\201\065\242\040\041\227\316\017\211\064
\170\017\317\037\116\351\373\214\050\074\336\064\347\355\237\322
\146\365\305\312\061\170\322\316\120\321\140\202\143\235\340\114
\367\007\256\203\064\235\111\111\103\324\176\275\055\342\352\307
\161\145\200\010\344\066\236\171\160\012\074\207\051\351\344\222

|224\352\006\222\051\047\170\346\255\327\075\351\012\013\136\364
|340\326\206\235\055\162\313\213\144\126\346\364\256\170\245\240
|071\063\130\074\334\250\217\215\264\152\055\375\210\163\351\225
|120\163\004\337\021\210\076\102\326\002\164\373\054\304\157\274
|154\326\340\200\157\321\206\245\062\127\003\326\115\364\116\012
|231\042\166\176\112\100\202\370\311\344\116\313\123\055\307\261
|266\342\323\302\165\047\156\271\016\161\262\064\374\277\034\116
|302\075\370\066\351\012\314\130\232\241\030\206\116\342\341\252
|263\163\131\156\136\235\264\302\010\257\257\134\375\244\002\157
|377\270\015\273\325\253\327\156\237\032\117\221\100\360\037\106
|125\155\240\222\303\211\315\267\261\377\034\263\313\243\234\012
|343\376\315\252\274\001\354\335\124\312\221\335\117\023\207\244
|366\230\357\375\111\326\127\052\074\246\134\366\140\067\277\330
|076\176\116\150\052\043\062\072\276\156\344\042\075\007\044\317
|212\313\233\135\121\263\060\322\161\155\316\106\212\155\174\112
|063\104\332\022\057\066\113\362\351\361\121\011\155\333\152\227
|016\027\002\003\001\000\001\243\102\060\100\060\017\006\003\125
|035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
|125\035\016\004\026\004\024\325\147\035\340\234\172\054\234\313
|305\230\347\035\007\046\052\206\354\164\315\060\016\006\003\125
|035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052
|206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\220
|073\345\302\123\102\050\352\365\061\116\216\075\221\236\115\011
|363\330\261\122\346\117\254\014\061\041\273\361\352\231\314\203
|374\266\050\344\354\204\007\016\017\116\227\273\157\150\106\217
|016\121\025\225\370\072\073\037\137\202\016\014\161\016\274\221
|117\256\063\056\043\101\364\046\153\117\023\207\372\170\366\056
|302\017\221\005\227\252\152\301\152\237\274\204\236\010\052\047
|335\332\207\027\206\341\263\312\135\355\070\251\051\156\204\336
|106\153\374\047\031\120\245\022\172\214\175\142\374\332\347\314
|274\237\111\257\006\270\047\047\362\211\367\026\075\030\346\275
|336\365\214\022\221\237\343\004\215\376\007\024\032\132\254\071
|202\033\361\070\031\341\143\343\257\154\266\246\121\027\353\372
|113\353\213\042\366\227\376\020\072\137\224\240\113\123\161\077
|132\341\020\370\162\217\226\200\335\215\002\230\000\141\075\215
|274\055\261\107\314\332\135\341\040\247\214\061\134\361\343\332
|271\012\206\107\310\241\075\007\243\074\246\163\156\224\221\355
|156\044\072\371\311\060\321\007\250\201\175\046\175\175\204\337
|206\311\213\345\256\015\036\276\211\110\121\025\203\230\226\057
|112\353\163\064\327\164\315\311\157\320\302\272\053\366\232\376
|231\335\140\024\216\033\371\234\071\074\177\103\211\123\350\345
|302\253\276\042\255\047\070\233\167\050\267\243\143\143\247\201
|347\251\151\105\353\216\170\126\314\005\204\307\373\255\266\060
|174\143\005\237\055\214\044\177\113\213\222\374\070\036\237\240
|245\127\263\156\235\330\144\270\160\232\140\122\160\310\251\320
|377\306\234\355\020\141\136\315\203\016\156\350\115\002\101\112
|342\166\004\171\326\124\077\212\230\062\024\240\335\055\234\347
|272\202\161\243\206\125\051\231\322\051\333\165\072\367\333\103

```
\377\266\133\373\267\176\065\200\216\015\154\256\171\267\066\055
\227\122\241\260\007\234\007\345\053\066\315\003\227\224\275\055
\016\064\006\374\300\026\211\374\067\124\344\326\317\075\023\004
\362\221\331\311\066\056\076\305\132\320\245\114\202\303\377\056
\174\046\166\367\363\375\105\242\245\156\125\256\056\314\317\054
\211\064\332\366\015\347\221\250\020\352\027\235\362\366\354
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Government Root Certification Authority"

Issuer: O=Government Root Certification Authority,C=TW

Serial Number:b6:4b:88:07:e2:23:ee:c8:5c:12:ad:a6:0e:06:a1:f2

Subject: O=Government Root Certification Authority,C=TW

Not Valid Before: Fri Sep 28 08:58:51 2012

Not Valid After: Thu Dec 31 15:59:59 2037

Fingerprint (MD5): 2f:d4:2d:cd:86:7f:36:b0:5f:1c:e0:53:8d:b6:a2:5b

Fingerprint (SHA1): b0:91:aa:91:38:47:f3:13:d7:27:bc:ef:c8:17:9f:08:6f:3a:8c:0f

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Government Root Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\260\221\252\221\070\107\363\023\327\047\274\357\310\027\237\010
\157\072\214\017
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\057\324\055\315\206\177\066\260\137\034\340\123\215\266\242\133
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156
\155\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\021\000\266\113\210\007\342\043\356\310\134\022\255\246\016
\006\241\362
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "A-Trust-Qual-02"
# Issuer: CN=A-Trust-Qual-02,OU=A-Trust-Qual-02,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr
GmbH,C=AT
# Serial Number:14:4d:e4
# Subject: CN=A-Trust-Qual-02,OU=A-Trust-Qual-02,O=A-Trust Ges. f. Sicherheitssysteme im elektr.
Datenverkehr GmbH,C=AT
# Not Valid Before: Tue Jul 01 11:23:33 2014
# Not Valid After: Mon Jul 01 09:23:33 2024
# Fingerprint (MD5): 4b:d4:35:43:a8:b2:43:6d:d7:78:e2:89:a2:a9:39:ab
# Fingerprint (SHA1): cd:78:7a:3d:5c:ba:82:07:08:28:48:36:5e:9a:cd:e9:68:33:64:d8
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "A-Trust-Qual-02"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\213\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165
\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145
\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155
\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145
\162\153\145\150\162\040\107\155\142\110\061\030\060\026\006\003
\125\004\013\014\017\101\055\124\162\165\163\164\055\121\165\141
\154\055\060\062\061\030\060\026\006\003\125\004\003\014\017\101
\055\124\162\165\163\164\055\121\165\141\154\055\060\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\213\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165
\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145
\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155
\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145
\162\153\145\150\162\040\107\155\142\110\061\030\060\026\006\003
\125\004\013\014\017\101\055\124\162\165\163\164\055\121\165\141
\154\055\060\062\061\030\060\026\006\003\125\004\003\014\017\101
\055\124\162\165\163\164\055\121\165\141\154\055\060\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\024\115\344
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\313\060\202\002\263\240\003\002\001\002\002\003\024
\115\344\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\201\213\061\013\060\011\006\003\125\004\006\023\002\101
\124\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162
```

\165\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150
\145\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151
\155\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166
\145\162\153\145\150\162\040\107\155\142\110\061\030\060\026\006
\003\125\004\013\014\017\101\055\124\162\165\163\164\055\121\165
\141\154\055\060\062\061\030\060\026\006\003\125\004\003\014\017
\101\055\124\162\165\163\164\055\121\165\141\154\055\060\062\060
\036\027\015\061\064\060\067\060\061\061\061\061\062\063\063\063\132
\027\015\062\064\060\067\060\061\060\071\062\063\063\063\132\060
\201\213\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165\163
\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145\162
\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155\040
\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145\162
\153\145\150\162\040\107\155\142\110\061\030\060\026\006\003\125
\004\013\014\017\101\055\124\162\165\163\164\055\121\165\141\154
\055\060\062\061\030\060\026\006\003\125\004\003\014\017\101\055
\124\162\165\163\164\055\121\165\141\154\055\060\062\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\226\221
\253\327\216\260\131\270\001\275\264\036\255\231\375\241\374\352
\014\226\153\217\056\111\110\330\351\344\044\202\341\330\272\314
\353\336\007\134\110\306\031\202\001\107\102\011\341\174\271\237
\256\217\366\356\136\153\250\250\126\210\070\126\263\346\376\311
\235\117\064\070\121\074\234\276\363\254\234\034\310\075\134\232
\204\256\367\224\054\024\262\144\067\140\216\024\260\073\052\315
\211\265\042\257\367\344\177\356\054\053\063\371\216\074\255\114
\242\127\017\373\202\305\216\037\001\337\123\214\301\025\244\335
\356\232\222\022\322\050\351\142\027\045\140\061\357\317\061\224
\363\175\363\344\074\041\253\220\374\155\317\143\247\306\022\000
\161\111\327\034\310\240\355\143\232\175\343\217\050\335\140\371
\330\346\026\253\046\321\320\057\275\347\015\011\337\156\324\354
\345\070\123\364\144\013\272\132\314\200\265\070\131\354\200\131
\145\204\061\152\137\125\221\114\044\345\044\232\203\204\172\276
\200\361\356\137\040\007\252\167\027\154\013\342\125\252\226\170
\010\002\236\227\360\053\256\130\365\200\120\077\376\073\002\003
\001\000\001\243\066\060\064\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\021\006\003\125\035\016\004
\012\004\010\102\075\053\044\246\301\105\316\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\141
\061\363\210\065\011\270\136\234\305\350\071\244\072\146\377\002
\264\227\035\376\113\071\272\205\230\203\050\240\332\366\116\114
\263\255\104\312\374\321\076\231\332\346\327\224\137\166\333\073
\221\225\152\374\200\237\101\041\136\150\373\326\150\005\152\342
\231\107\377\156\216\216\363\023\126\376\303\176\007\317\005\114
\103\132\251\102\270\071\303\234\360\025\103\354\250\376\216\142
\004\016\156\122\123\033\247\234\347\154\073\145\307\001\177\346

```
\005\252\162\177\341\053\024\224\010\375\156\210\343\310\224\247
\336\126\373\021\230\027\011\001\332\042\305\063\077\041\315\164
\245\253\311\060\143\210\333\112\047\002\273\320\144\005\004\155
\164\013\003\307\054\362\166\261\174\136\201\243\176\224\366\171
\072\302\176\352\361\123\327\205\130\236\220\034\235\327\261\172
\364\017\232\207\102\052\303\204\217\177\320\152\065\022\036\325
\214\161\214\070\102\232\065\255\335\252\062\023\166\105\006\341
\243\133\352\366\212\226\377\274\145\065\373\152\062\313\141\135
\331\323\046\210\304\073\200\150\126\137\325\372\201\142\335
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "A-Trust-Qual-02"

Issuer: CN=A-Trust-Qual-02,OU=A-Trust-Qual-02,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH,C=AT

Serial Number:14:4d:e4

Subject: CN=A-Trust-Qual-02,OU=A-Trust-Qual-02,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH,C=AT

Not Valid Before: Tue Jul 01 11:23:33 2014

Not Valid After: Mon Jul 01 09:23:33 2024

Fingerprint (MD5): 4b:d4:35:43:a8:b2:43:6d:d7:78:e2:89:a2:a9:39:ab

Fingerprint (SHA1): cd:78:7a:3d:5c:ba:82:07:08:28:48:36:5e:9a:cd:e9:68:33:64:d8

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "A-Trust-Qual-02"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\315\170\172\075\134\272\202\007\010\050\110\066\136\232\315\351
\150\063\144\330
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\113\324\065\103\250\262\103\155\327\170\342\211\242\251\071\253
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\213\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165
\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145
\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155
\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145
\162\153\145\150\162\040\107\155\142\110\061\030\060\026\006\003
\125\004\013\014\017\101\055\124\162\165\163\164\055\121\165\141
\154\055\060\062\061\030\060\026\006\003\125\004\003\014\017\101
\055\124\162\165\163\164\055\121\165\141\154\055\060\062
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\024\115\344
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Thailand National Root Certification Authority - G1"
# Issuer: CN=Thailand National Root Certification Authority - G1,OU=Thailand National Root Certification
Authority,O=Electronic Transactions Development Agency (Public Organization),C=TH
# Serial Number:51:52:c5:8c
# Subject: CN=Thailand National Root Certification Authority - G1,OU=Thailand National Root Certification
Authority,O=Electronic Transactions Development Agency (Public Organization),C=TH
# Not Valid Before: Wed Mar 27 09:40:22 2013
# Not Valid After: Thu Mar 27 10:10:22 2036
# Fingerprint (MD5): da:9d:b6:26:4a:e5:22:a0:bb:8d:a4:f7:bc:0d:25:cc
# Fingerprint (SHA1): 66:f2:dc:fb:3f:81:4d:de:e9:b3:20:6f:11:de:fe:1b:fb:df:e1:32
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Thailand National Root Certification Authority - G1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\317\061\013\060\011\006\003\125\004\006\023\002\124\110
\061\111\060\107\006\003\125\004\012\014\100\105\154\145\143\164
\162\157\156\151\143\040\124\162\141\156\163\141\143\164\151\157
\156\163\040\104\145\166\145\154\157\160\155\145\156\164\040\101
\147\145\156\143\171\040\050\120\165\142\154\151\143\040\117\162
\147\141\156\151\172\141\164\151\157\156\051\061\067\060\065\006
\003\125\004\013\014\056\124\150\141\151\154\141\156\144\040\116
\141\164\151\157\156\141\154\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\061\074\060\072\006\003\125\004\003\014\063\124
\150\141\151\154\141\156\144\040\116\141\164\151\157\156\141\154
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\317\061\013\060\011\006\003\125\004\006\023\002\124\110
\061\111\060\107\006\003\125\004\012\014\100\105\154\145\143\164
\162\157\156\151\143\040\124\162\141\156\163\141\143\164\151\157
\156\163\040\104\145\166\145\154\157\160\155\145\156\164\040\101
\147\145\156\143\171\040\050\120\165\142\154\151\143\040\117\162

```

\147\141\156\151\172\141\164\151\157\156\051\061\067\060\065\006
\003\125\004\013\014\056\124\150\141\151\154\141\156\144\040\116
\141\164\151\157\156\141\154\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\061\074\060\072\006\003\125\004\003\014\063\124
\150\141\151\154\141\156\144\040\116\141\164\151\157\156\141\154
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\121\122\305\214

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\201\060\202\004\151\240\003\002\001\002\002\004\121
\122\305\214\060\015\006\011\052\206\110\206\367\015\001\001\015
\005\000\060\201\317\061\013\060\011\006\003\125\004\006\023\002
\124\110\061\111\060\107\006\003\125\004\012\014\100\105\154\145
\143\164\162\157\156\151\143\040\124\162\141\156\163\141\143\164
\151\157\156\163\040\104\145\166\145\154\157\160\155\145\156\164
\040\101\147\145\156\143\171\040\050\120\165\142\154\151\143\040
\117\162\147\141\156\151\172\141\164\151\157\156\051\061\067\060
\065\006\003\125\004\013\014\056\124\150\141\151\154\141\156\144
\040\116\141\164\151\157\156\141\154\040\122\157\157\164\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\061\074\060\072\006\003\125\004\003\014
\063\124\150\141\151\154\141\156\144\040\116\141\164\151\157\156
\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040
\055\040\107\061\060\036\027\015\061\063\060\063\062\067\060\071
\064\060\062\062\132\027\015\063\066\060\063\062\067\061\060\061
\060\062\062\132\060\201\317\061\013\060\011\006\003\125\004\006
\023\002\124\110\061\111\060\107\006\003\125\004\012\014\100\105
\154\145\143\164\162\157\156\151\143\040\124\162\141\156\163\141
\143\164\151\157\156\163\040\104\145\166\145\154\157\160\155\145
\156\164\040\101\147\145\156\143\171\040\050\120\165\142\154\151
\143\040\117\162\147\141\156\151\172\141\164\151\157\156\051\061
\067\060\065\006\003\125\004\013\014\056\124\150\141\151\154\141
\156\144\040\116\141\164\151\157\156\141\154\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\061\074\060\072\006\003\125\004
\003\014\063\124\150\141\151\154\141\156\144\040\116\141\164\151
\157\156\141\154\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\061\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\326\272\112\344\214\361\232\056\211
\027\302\100\363\202\000\061\376\023\002\172\145\312\010\330\253

\042\261\002\232\161\064\112\144\131\202\345\102\106\353\043\366
\213\132\042\261\317\066\347\163\155\024\155\367\111\224\136\357
\347\064\131\147\366\250\317\126\131\043\204\125\342\373\032\021
\312\243\371\212\253\147\036\202\023\320\213\071\232\277\017\302
\017\074\326\141\330\352\233\317\025\016\276\324\360\314\077\163
\234\004\364\242\161\163\175\200\260\235\061\361\006\371\260\023
\345\210\111\060\366\026\175\210\127\051\072\054\242\214\220\230
\316\021\026\316\115\121\017\374\307\262\314\362\146\030\041\200
\005\210\255\271\320\305\013\170\001\376\116\322\010\213\066\361
\126\317\156\272\163\046\013\326\367\245\106\152\151\116\226\266
\247\006\126\314\346\056\061\237\156\213\355\234\000\125\107\364
\173\246\172\266\337\001\035\110\004\013\253\102\302\160\112\224
\275\374\254\121\362\253\077\326\353\140\337\010\377\365\022\262
\211\052\172\271\105\231\045\175\174\357\317\025\320\110\054\020
\326\324\274\010\047\265\206\051\324\343\323\304\052\220\022\366
\242\052\371\213\257\026\377\002\363\172\156\317\242\313\152\264
\340\162\013\373\076\205\177\342\207\340\057\103\043\370\205\311
\231\352\326\100\336\240\373\347\336\166\377\217\200\071\353\147
\022\023\246\373\345\243\374\046\200\131\143\362\322\043\353\037
\306\110\163\121\235\267\263\240\133\253\152\210\371\277\373\161
\121\334\156\266\166\357\260\133\362\313\210\060\272\006\333\033
\101\323\125\264\255\264\352\040\041\374\324\167\266\075\133\241
\014\055\045\041\122\043\122\327\064\123\155\026\004\122\146\370
\325\352\361\054\130\362\073\261\361\176\103\265\334\202\270\136
\343\207\341\243\244\137\347\211\016\274\234\351\051\072\045\247
\330\117\152\207\324\226\104\227\030\026\207\302\161\122\205\316
\172\214\255\036\147\276\272\055\277\243\041\047\305\347\060\351
\006\231\033\260\014\343\276\122\145\223\115\141\113\362\070\346
\217\030\361\002\122\230\056\246\016\035\005\317\046\354\001\043
\007\066\366\340\023\067\251\107\210\003\207\107\313\335\262\001
\037\137\144\033\004\233\305\002\003\001\000\001\243\143\060\141
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\037\006\003\125\035\043\004\030\060\026\200\024\177\043
\166\267\203\052\161\367\054\321\210\017\335\114\137\062\012\150
\273\177\060\035\006\003\125\035\016\004\026\004\024\177\043\166
\267\203\052\161\367\054\321\210\017\335\114\137\062\012\150\273
\177\060\015\006\011\052\206\110\206\367\015\001\001\015\005\000
\003\202\002\001\000\015\145\034\132\007\251\236\254\114\311\137
\117\335\061\154\331\342\123\035\077\221\215\132\263\214\275\064
\236\056\115\312\130\323\257\131\142\111\066\163\260\141\166\021
\276\213\066\307\224\252\370\066\151\007\040\337\134\057\013\366
\216\002\026\357\122\006\070\335\355\064\140\252\207\136\027\316
\070\155\120\115\345\337\345\121\276\035\004\226\364\334\352\345
\331\352\216\336\237\164\313\202\224\123\201\154\373\136\054\325
\241\165\226\115\373\060\134\315\141\240\236\241\314\202\271\122
\162\013\207\143\141\173\141\064\164\266\056\335\342\341\207\265
\111\024\141\025\107\112\113\076\167\271\010\322\066\117\130\147

\102\211\200\170\132\022\043\355\105\073\335\277\040\046\124\374
\133\077\140\001\030\101\343\147\165\023\267\052\025\160\314\313
\171\322\024\370\363\302\340\052\020\367\371\102\330\334\332\012
\323\001\005\333\127\230\311\266\353\014\231\012\312\214\175\357
\073\026\050\300\367\137\341\107\121\323\370\006\105\007\360\013
\272\302\234\230\354\322\177\115\176\375\006\374\163\302\302\125
\022\142\320\043\104\337\042\344\370\171\347\245\020\116\076\311
\216\252\203\351\066\352\253\171\306\005\204\315\226\150\174\164
\254\077\062\377\256\311\100\354\217\120\277\120\250\267\116\325
\255\066\152\327\047\063\372\347\330\055\331\067\230\205\033\246
\014\352\173\020\023\160\036\236\210\305\334\076\216\271\015\125
\337\001\316\320\111\166\121\333\020\142\170\101\255\151\143\245
\225\011\267\030\006\157\375\004\147\324\020\017\116\333\073\137
\014\143\174\353\144\275\156\113\000\250\201\372\222\062\206\060
\214\011\277\175\130\077\145\015\251\067\321\105\343\146\151\304
\150\364\142\251\250\036\067\331\056\231\111\240\260\006\214\100
\177\205\261\365\361\114\113\070\240\010\314\052\331\226\300\354
\300\015\074\056\105\127\303\357\225\332\266\313\356\133\145\250
\053\062\257\311\047\371\025\123\067\165\130\037\113\352\227\242
\042\134\147\126\342\240\314\065\304\254\303\061\100\271\234\003
\172\275\311\110\016\352\152\025\332\234\274\170\157\311\025\347
\144\003\331\111\023\146\105\113\055\364\204\231\263\352\247\022
\225\345\223\056\374

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Thailand National Root Certification Authority - G1"

Issuer: CN=Thailand National Root Certification Authority - G1,OU=Thailand National Root Certification Authority,O=Electronic Transactions Development Agency (Public Organization),C=TH

Serial Number:51:52:c5:8c

Subject: CN=Thailand National Root Certification Authority - G1,OU=Thailand National Root Certification Authority,O=Electronic Transactions Development Agency (Public Organization),C=TH

Not Valid Before: Wed Mar 27 09:40:22 2013

Not Valid After: Thu Mar 27 10:10:22 2036

Fingerprint (MD5): da:9d:b6:26:4a:e5:22:a0:bb:8d:a4:f7:bc:0d:25:cc

Fingerprint (SHA1): 66:f2:dc:fb:3f:81:4d:de:e9:b3:20:6f:11:de:fe:1b:fb:df:e1:32

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Thailand National Root Certification Authority - G1"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\146\362\334\373\077\201\115\336\351\263\040\157\021\336\376\033
\373\337\341\062

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\332\235\266\046\112\345\042\240\273\215\244\367\274\015\045\314
END

CKA_ISSUER MULTILINE_OCTAL
\060\201\317\061\013\060\011\006\003\125\004\006\023\002\124\110
\061\111\060\107\006\003\125\004\012\014\100\105\154\145\143\164
\162\157\156\151\143\040\124\162\141\156\163\141\143\164\151\157
\156\163\040\104\145\166\145\154\157\160\155\145\156\164\040\101
\147\145\156\143\171\040\050\120\165\142\154\151\143\040\117\162
\147\141\156\151\172\141\164\151\157\156\051\061\067\060\065\006
\003\125\004\013\014\056\124\150\141\151\154\141\156\144\040\116
\141\164\151\157\156\141\154\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\061\074\060\072\006\003\125\004\003\014\063\124
\150\141\151\154\141\156\144\040\116\141\164\151\157\156\141\154
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\121\122\305\214
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "Certification Authority of WoSign"
Issuer: CN=Certification Authority of WoSign,O=WoSign CA Limited,C=CN
Serial Number:5e:68:d6:11:71:94:63:50:56:00:68:f3:3e:c9:c5:91
Subject: CN=Certification Authority of WoSign,O=WoSign CA Limited,C=CN
Not Valid Before: Sat Aug 08 01:00:01 2009
Not Valid After: Mon Aug 08 01:00:01 2039
Fingerprint (MD5): a1:f2:f9:b5:d2:c8:7a:74:b8:f3:05:f1:d7:e1:84:8d
Fingerprint (SHA1): b9:42:94:bf:91:ea:8f:b6:4b:e6:10:97:c7:fb:00:13:59:b6:76:cb

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certification Authority of WoSign"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\125\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\052\060\050\006
\003\125\004\003\023\041\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\157\146

\040\127\157\123\151\147\156

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\125\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\052\060\050\006
\003\125\004\003\023\041\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\157\146
\040\127\157\123\151\147\156

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\136\150\326\021\161\224\143\120\126\000\150\363\076\311
\305\221

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\166\060\202\003\136\240\003\002\001\002\002\020\136
\150\326\021\161\224\143\120\126\000\150\363\076\311\305\221\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\125
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\032\060
\030\006\003\125\004\012\023\021\127\157\123\151\147\156\040\103
\101\040\114\151\155\151\164\145\144\061\052\060\050\006\003\125
\004\003\023\041\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\040\157\146\040\127
\157\123\151\147\156\060\036\027\015\060\071\060\070\060\070\060
\061\060\060\060\061\132\027\015\063\071\060\070\060\070\060\061
\060\060\060\061\132\060\125\061\013\060\011\006\003\125\004\006
\023\002\103\116\061\032\060\030\006\003\125\004\012\023\021\127
\157\123\151\147\156\040\103\101\040\114\151\155\151\164\145\144
\061\052\060\050\006\003\125\004\003\023\041\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\157\146\040\127\157\123\151\147\156\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\275\312\215
\254\270\221\025\126\227\173\153\134\172\302\336\153\331\241\260
\303\020\043\372\247\241\262\314\061\372\076\331\246\051\157\026
\075\340\153\370\270\100\137\333\071\250\000\172\213\240\115\124
\175\302\042\170\374\216\011\270\250\205\327\314\225\227\113\164
\330\236\176\360\000\344\016\211\256\111\050\104\032\020\231\062
\017\045\210\123\244\015\263\017\022\010\026\013\003\161\047\034
\177\341\333\322\375\147\150\304\005\135\012\016\135\160\327\330
\227\240\274\123\101\232\221\215\364\236\066\146\172\176\126\301
\220\137\346\261\150\040\066\244\214\044\054\054\107\013\131\166
\146\060\265\276\336\355\217\370\235\323\273\001\060\346\362\363
\016\340\054\222\200\363\205\371\050\212\264\124\056\232\355\367
\166\374\025\150\026\353\112\154\353\056\022\217\324\317\376\014
\307\134\035\013\176\005\062\276\136\260\011\052\102\325\311\116
\220\263\131\015\273\172\176\315\325\010\132\264\177\330\034\151

\021\371\047\017\173\006\257\124\203\030\173\341\335\124\172\121
\150\156\167\374\306\277\122\112\146\106\241\262\147\032\273\243
\117\167\240\276\135\377\374\126\013\103\162\167\220\312\236\371
\362\071\365\015\251\364\352\327\347\263\020\057\060\102\067\041
\314\060\160\311\206\230\017\314\130\115\203\273\175\345\032\245
\067\215\266\254\062\227\000\072\143\161\044\036\236\067\304\377
\164\324\067\300\342\376\210\106\140\021\335\010\077\120\066\253
\270\172\244\225\142\152\156\260\312\152\041\132\151\363\363\373
\035\160\071\225\363\247\156\246\201\211\241\210\305\073\161\312
\243\122\356\203\273\375\240\167\364\344\157\347\102\333\155\112
\231\212\064\110\274\027\334\344\200\010\042\266\362\061\300\077
\004\076\353\237\040\171\326\270\006\144\144\002\061\327\251\315
\122\373\204\105\151\011\000\052\334\125\213\304\006\106\113\300
\112\035\011\133\071\050\375\251\253\316\000\371\056\110\113\046
\346\060\114\245\130\312\264\104\202\117\347\221\036\063\303\260
\223\377\021\374\201\322\312\037\161\051\335\166\117\222\045\257
\035\201\267\017\057\214\303\006\314\057\047\243\112\344\016\231
\272\174\036\105\037\177\252\031\105\226\375\374\075\002\003\001
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\341\146\317\016\321\361\263\113\267\006\040\024\376\207
\022\325\366\376\373\076\060\015\006\011\052\206\110\206\367\015
\001\001\005\005\000\003\202\002\001\000\250\313\162\100\262\166
\301\176\173\374\255\144\343\062\173\314\074\266\135\106\323\365
\054\342\160\135\310\056\330\006\175\230\321\013\041\240\211\131
\044\001\235\371\257\011\175\012\043\202\064\325\374\174\162\231
\271\243\327\124\364\352\122\160\016\305\365\326\073\341\072\011
\062\346\041\071\223\275\263\025\352\117\152\364\365\213\077\057
\174\215\130\056\305\341\071\240\076\307\075\112\163\236\100\172
\300\053\141\251\147\311\363\044\271\263\155\125\054\132\035\236
\045\162\316\013\255\252\307\125\142\013\276\373\143\263\141\104
\043\243\313\341\032\016\367\232\006\115\336\324\043\116\041\226
\133\071\133\127\035\057\135\010\136\011\171\377\174\227\265\115
\203\256\015\326\346\243\171\340\063\320\231\226\002\060\247\076
\377\322\243\103\077\005\132\006\352\104\002\332\174\370\110\320
\063\251\371\007\307\225\341\365\076\365\135\161\272\362\225\251
\164\210\141\131\343\277\312\132\023\272\162\264\214\135\066\207
\351\246\305\074\023\277\336\320\104\046\356\267\354\056\160\372
\327\235\267\254\345\305\100\132\346\327\154\173\054\303\126\233
\107\315\013\316\372\033\264\041\327\267\146\270\364\045\060\213
\134\015\271\352\147\262\364\155\256\325\241\236\117\330\237\351
\047\002\260\035\006\326\217\343\373\110\022\237\177\021\241\020
\076\114\121\072\226\260\321\023\361\307\330\046\256\072\312\221
\304\151\235\337\001\051\144\121\157\150\332\024\354\010\101\227
\220\215\320\262\200\362\317\302\075\277\221\150\305\200\147\036
\304\140\023\125\325\141\231\127\174\272\225\017\141\111\072\312
\165\274\311\012\223\077\147\016\022\362\050\342\061\033\300\127

\026\337\010\174\031\301\176\017\037\205\036\012\066\174\133\176
\047\274\172\277\340\333\364\332\122\275\336\014\124\160\061\221
\103\225\310\274\360\076\335\011\176\060\144\120\355\177\001\244
\063\147\115\150\117\276\025\357\260\366\002\021\242\033\023\045
\072\334\302\131\361\343\134\106\273\147\054\002\106\352\036\110
\246\346\133\331\265\274\121\242\222\226\333\252\306\067\042\246
\376\314\040\164\243\055\251\056\153\313\300\202\021\041\265\223
\171\356\104\206\276\327\036\344\036\373

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Certification Authority of WoSign"

Issuer: CN=Certification Authority of WoSign,O=WoSign CA Limited,C=CN

Serial Number:5e:68:d6:11:71:94:63:50:56:00:68:f3:3e:c9:c5:91

Subject: CN=Certification Authority of WoSign,O=WoSign CA Limited,C=CN

Not Valid Before: Sat Aug 08 01:00:01 2009

Not Valid After: Mon Aug 08 01:00:01 2039

Fingerprint (MD5): a1:f2:f9:b5:d2:c8:7a:74:b8:f3:05:f1:d7:e1:84:8d

Fingerprint (SHA1): b9:42:94:bf:91:ea:8f:b6:4b:e6:10:97:c7:fb:00:13:59:b6:76:cb

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Certification Authority of WoSign"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\271\102\224\277\221\352\217\266\113\346\020\227\307\373\000\023
\131\266\166\313

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\241\362\371\265\322\310\172\164\270\363\005\361\327\341\204\215

END

CKA_ISSUER MULTILINE_OCTAL

\060\125\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\052\060\050\006
\003\125\004\003\023\041\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\157\146
\040\127\157\123\151\147\156

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\136\150\326\021\161\224\143\120\126\000\150\363\076\311
\305\221

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "CA "

Issuer: CN=CA ,O=WoSign CA Limited,C=CN

Serial Number:50:70:6b:cd:d8:13:fc:1b:4e:3b:33:72:d2:11:48:8d

Subject: CN=CA ,O=WoSign CA Limited,C=CN

Not Valid Before: Sat Aug 08 01:00:01 2009

Not Valid After: Mon Aug 08 01:00:01 2039

Fingerprint (MD5): 78:83:5b:52:16:76:c4:24:3b:83:78:e8:ac:da:9a:93

Fingerprint (SHA1): 16:32:47:8d:89:f9:21:3a:92:00:85:63:f5:a4:a7:d3:12:40:8a:d6

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "CA "

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\106\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\033\060\031\006
\003\125\004\003\014\022\103\101\040\346\262\203\351\200\232\346
\240\271\350\257\201\344\271\246

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\106\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156
\040\103\101\040\114\151\155\151\164\145\144\061\033\060\031\006
\003\125\004\003\014\022\103\101\040\346\262\203\351\200\232\346
\240\271\350\257\201\344\271\246

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

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\110\215

END

CKA_VALUE MULTILINE_OCTAL

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\061\013\060\011\006\003\125\004\006\023\002\103\116\061\032\060
\030\006\003\125\004\012\023\021\127\157\123\151\147\156\040\103
\101\040\114\151\155\151\164\145\144\061\033\060\031\006\003\125
\004\003\014\022\103\101\040\346\262\203\351\200\232\346\240\271
\350\257\201\344\271\246\060\036\027\015\060\071\060\070\060\070
\060\061\060\060\060\061\132\027\015\063\071\060\070\060\070\060
\061\060\060\060\061\132\060\106\061\013\060\011\006\003\125\004

\006\023\002\103\116\061\032\060\030\006\003\125\004\012\023\021
\127\157\123\151\147\156\040\103\101\040\114\151\155\151\164\145
\144\061\033\060\031\006\003\125\004\003\014\022\103\101\040\346
\262\203\351\200\232\346\240\271\350\257\201\344\271\246\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\320
\111\041\036\045\374\207\301\052\302\254\333\166\206\006\116\347
\320\164\064\334\355\145\065\374\120\326\210\077\244\360\177\353
\017\137\171\057\211\261\375\274\143\130\067\223\233\070\370\267
\133\251\372\330\161\307\264\274\200\227\215\154\113\361\120\325
\052\051\252\250\031\172\226\346\225\216\164\355\227\012\127\165
\364\005\333\155\013\071\271\001\177\252\366\326\332\154\346\005
\340\244\115\122\374\333\320\164\267\021\214\173\215\117\377\207
\203\256\377\005\003\023\127\120\067\376\214\226\122\020\114\137
\277\224\161\151\331\226\076\014\103\117\276\060\300\237\071\164
\117\006\105\135\243\326\126\071\150\007\314\207\117\120\167\223
\161\331\104\010\261\212\064\351\211\254\333\233\116\341\331\344
\122\105\214\056\024\037\221\153\031\035\150\051\054\126\304\342
\036\023\127\144\360\141\343\271\021\337\260\341\127\240\033\255
\327\137\321\257\333\053\055\077\320\150\216\017\352\237\017\213
\065\130\033\023\034\364\336\065\241\012\135\326\352\337\022\157
\300\373\151\007\106\162\334\201\366\004\043\027\340\115\165\341
\162\157\260\050\353\233\341\341\203\241\237\112\135\257\314\233
\372\002\040\266\030\142\167\221\073\243\325\145\255\334\174\220
\167\034\104\101\244\112\213\353\225\162\351\366\011\144\334\250
\055\237\164\170\350\301\242\011\143\234\357\240\333\117\235\225
\253\040\117\267\260\367\207\134\246\240\344\067\070\307\134\343
\065\017\054\255\243\200\242\354\056\135\300\317\355\213\005\302
\346\163\156\366\211\325\365\322\106\216\352\155\143\033\036\212
\311\175\246\370\234\353\345\325\143\205\115\163\146\151\021\376
\310\016\364\301\307\146\111\123\176\344\031\153\361\351\172\131
\243\155\176\305\027\346\047\306\357\033\333\157\374\015\115\006
\001\264\016\134\060\106\125\140\257\070\145\072\312\107\272\254
\054\314\106\037\262\106\226\077\363\355\046\005\356\167\241\152
\153\176\055\155\130\134\112\324\216\147\270\361\332\325\106\212
\047\371\021\362\311\102\376\116\336\337\037\134\304\244\206\207
\026\063\241\247\027\030\245\015\344\005\345\053\302\053\013\242
\225\220\271\375\140\074\116\211\076\347\234\356\037\273\001\002
\003\001\000\001\243\102\060\100\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016
\004\026\004\024\340\115\277\334\233\101\135\023\350\144\360\247
\351\025\244\341\201\301\272\061\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\003\202\002\001\000\152\212\160\070
\131\266\332\213\030\310\276\052\323\266\031\325\146\051\172\135
\315\133\057\163\034\046\116\243\175\157\253\267\051\115\246\351
\245\021\203\247\071\163\257\020\104\222\346\045\135\117\141\372
\310\006\276\116\113\357\376\363\061\376\306\174\160\012\101\130

\332\350\231\113\226\311\170\274\230\174\002\051\355\011\200\346
\012\072\202\002\052\342\311\057\310\126\031\046\356\170\034\043
\375\367\223\145\116\347\363\230\230\257\315\335\331\236\100\210
\061\050\072\253\056\013\260\254\014\044\372\172\046\230\363\022
\141\020\364\135\027\367\176\342\170\227\124\342\214\350\051\272
\214\020\062\275\335\063\153\070\206\176\071\075\016\003\162\247
\135\171\217\105\212\131\256\133\041\156\061\106\325\131\215\317
\025\137\335\061\045\317\333\140\326\201\104\162\051\002\127\366
\226\324\326\377\352\051\333\071\305\270\054\212\032\215\316\313
\347\102\061\206\005\150\016\236\024\335\000\220\272\151\105\010
\333\156\220\201\206\247\052\005\077\346\204\071\370\267\371\127
\137\114\244\171\132\020\014\136\325\153\377\065\137\005\121\036
\154\243\165\251\317\120\203\323\174\364\146\367\202\215\075\014
\175\350\337\173\250\016\033\054\234\256\100\160\207\332\355\247
\026\202\132\276\065\154\040\116\042\141\331\274\121\172\315\172
\141\334\113\021\371\376\147\064\317\056\004\146\141\134\127\227
\043\214\363\206\033\110\337\052\257\247\301\377\330\216\076\003
\273\330\052\260\372\024\045\262\121\153\206\103\205\056\007\043
\026\200\215\114\373\264\143\073\314\303\164\355\033\243\036\376
\065\017\137\174\035\026\206\365\016\303\225\361\057\257\135\045
\073\121\346\327\166\101\070\321\113\003\071\050\245\036\221\162
\324\175\253\227\063\304\323\076\340\151\266\050\171\240\011\215
\034\321\377\101\162\110\006\374\232\056\347\040\371\233\242\336
\211\355\256\074\011\257\312\127\263\222\211\160\100\344\057\117
\302\160\203\100\327\044\054\153\347\011\037\323\325\307\301\010
\364\333\016\073\034\007\013\103\021\204\041\206\351\200\324\165
\330\253\361\002\142\301\261\176\125\141\317\023\327\046\260\327
\234\313\051\213\070\112\013\016\220\215\272\241

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "CA "
Issuer: CN=CA ,O=WoSign CA Limited,C=CN
Serial Number:50:70:6b:cd:d8:13:fc:1b:4e:3b:33:72:d2:11:48:8d
Subject: CN=CA ,O=WoSign CA Limited,C=CN
Not Valid Before: Sat Aug 08 01:00:01 2009
Not Valid After: Mon Aug 08 01:00:01 2039
Fingerprint (MD5): 78:83:5b:52:16:76:c4:24:3b:83:78:e8:ac:da:9a:93
Fingerprint (SHA1): 16:32:47:8d:89:f9:21:3a:92:00:85:63:f5:a4:a7:d3:12:40:8a:d6
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA "
CKA_CERT_SHA1_HASH MULTILINE OCTAL

\026\062\107\215\211\371\041\072\222\000\205\143\365\244\247\323

\022\100\212\326

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\170\203\133\122\026\166\304\044\073\203\170\350\254\332\232\223

END

CKA_ISSUER MULTILINE_OCTAL

\060\106\061\013\060\011\006\003\125\004\006\023\002\103\116\061

\032\060\030\006\003\125\004\012\023\021\127\157\123\151\147\156

\040\103\101\040\114\151\155\151\164\145\144\061\033\060\031\006

\003\125\004\003\014\022\103\101\040\346\262\203\351\200\232\346

\240\271\350\257\201\344\271\246

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\120\160\153\315\330\023\374\033\116\073\063\162\322\021

\110\215

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "SSC GDL CA Root B"

Issuer: CN=SSC GDL CA Root B,OU=CA ROOT Services,O=Skaitmeninio sertifikavimo centras,C=LT

Serial Number:3e:8c:4f:bc:e4:29:83:82:4d:84:55:8e:d5:35:80:cf

Subject: CN=SSC GDL CA Root B,OU=CA ROOT Services,O=Skaitmeninio sertifikavimo centras,C=LT

Not Valid Before: Tue Jun 04 14:20:15 2013

Not Valid After: Sat Jun 04 14:21:55 2033

Fingerprint (MD5): ca:b5:ab:b2:55:7b:93:36:32:53:23:ed:79:27:30:4a

Fingerprint (SHA1): c8:60:a3:18:fc:f5:b7:13:0b:10:07:ad:7f:61:4a:40:ff:ff:18:5f

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SSC GDL CA Root B"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\161\061\013\060\011\006\003\125\004\006\023\002\114\124\061

\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155

\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141

\166\151\155\157\040\143\145\156\164\162\141\163\061\031\060\027

\006\003\125\004\013\023\020\103\101\040\122\117\117\124\040\123

\145\162\166\151\143\145\163\061\032\060\030\006\003\125\004\003

\023\021\123\123\103\040\107\104\114\040\103\101\040\122\157\157

\164\040\102

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\161\061\013\060\011\006\003\125\004\006\023\002\114\124\061
\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155
\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141
\166\151\155\157\040\143\145\156\164\162\141\163\061\031\060\027
\006\003\125\004\013\023\020\103\101\040\122\117\117\124\040\123
\145\162\166\151\143\145\163\061\032\060\030\006\003\125\004\003
\023\021\123\123\103\040\107\104\114\040\103\101\040\122\157\157
\164\040\102

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\076\214\117\274\344\051\203\202\115\204\125\216\325\065
\200\317

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\256\060\202\003\226\240\003\002\001\002\002\020\076
\214\117\274\344\051\203\202\115\204\125\216\325\065\200\317\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\161
\061\013\060\011\006\003\125\004\006\023\002\114\124\061\053\060
\051\006\003\125\004\012\023\042\123\153\141\151\164\155\145\156
\151\156\151\157\040\163\145\162\164\151\146\151\153\141\166\151
\155\157\040\143\145\156\164\162\141\163\061\031\060\027\006\003
\125\004\013\023\020\103\101\040\122\117\117\124\040\123\145\162
\166\151\143\145\163\061\032\060\030\006\003\125\004\003\023\021
\123\123\103\040\107\104\114\040\103\101\040\122\157\157\164\040
\102\060\036\027\015\061\063\060\066\060\064\061\064\062\060\061
\065\132\027\015\063\063\060\066\060\064\061\064\062\061\065\065
\132\060\161\061\013\060\011\006\003\125\004\006\023\002\114\124
\061\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164
\155\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153
\141\166\151\155\157\040\143\145\156\164\162\141\163\061\031\060
\027\006\003\125\004\013\023\020\103\101\040\122\117\117\124\040
\123\145\162\166\151\143\145\163\061\032\060\030\006\003\125\004
\003\023\021\123\123\103\040\107\104\114\040\103\101\040\122\157
\157\164\040\102\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\217\225\351\322\353\301\163\045\307\070\147
\360\203\216\123\274\266\313\316\272\163\333\117\047\366\042\220
\077\102\277\041\326\336\142\202\264\157\004\005\111\011\073\167
\001\327\113\137\122\322\331\031\307\155\174\014\251\072\011\142
\344\052\030\151\214\240\335\353\254\023\266\016\071\021\200\151
\116\143\137\334\074\015\372\331\214\142\276\144\205\062\062\131
\227\120\223\211\337\373\377\324\330\145\161\307\106\125\242\033
\231\141\037\334\120\000\310\027\171\350\120\260\014\136\346\376
\166\246\001\116\011\310\160\154\372\220\263\136\334\075\007\315
\111\243\116\126\136\022\117\144\101\177\176\014\025\303\240\336
\263\243\051\006\111\104\241\137\157\077\201\240\104\115\360\173
\012\070\050\355\022\356\143\227\303\173\135\214\117\161\335\225

\072\332\056\250\001\106\012\363\154\350\265\361\037\010\000\361
\100\222\033\046\000\061\165\071\106\111\046\271\244\324\161\167
\021\244\117\063\314\011\333\331\321\041\113\222\104\254\316\170
\142\202\027\373\372\022\264\175\325\362\206\355\364\176\226\024
\346\215\003\122\257\315\027\242\325\034\245\376\201\246\232\355
\175\344\331\016\062\146\020\217\333\331\063\061\201\176\051\127
\357\314\262\241\140\356\212\133\271\145\333\177\033\232\054\217
\047\061\211\212\050\265\257\261\126\324\003\042\356\045\117\330
\232\275\322\154\127\274\203\246\110\037\054\125\007\011\064\053
\271\171\054\002\245\240\137\174\166\237\044\062\074\055\222\337
\353\110\127\207\241\366\376\043\372\064\253\211\365\150\033\216
\037\252\156\016\245\322\041\322\357\271\321\261\111\127\065\132
\204\323\036\342\002\155\122\020\177\342\214\115\041\333\062\062
\034\175\314\226\042\003\055\152\247\006\102\155\156\220\207\372
\034\134\260\117\320\003\101\023\372\013\123\346\301\020\002\110
\013\167\143\364\245\234\121\173\230\146\327\305\166\062\345\157
\135\024\141\175\014\273\155\225\100\332\251\046\307\367\251\313
\322\376\047\301\053\366\261\150\206\376\343\142\122\231\120\216
\053\336\101\041\007\033\207\365\100\035\160\255\317\375\302\103
\250\065\126\021\102\305\313\136\146\241\310\250\150\367\376\114
\127\141\066\122\201\002\003\001\000\001\243\102\060\100\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\035\006\003\125\035\016\004\026\004\024\162\003\106\207\141\366
\035\263\324\225\143\271\120\167\156\015\253\230\376\057\060\015
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002
\001\000\010\333\212\062\201\164\063\161\026\354\041\205\123\110
\012\157\037\162\343\343\004\370\056\267\077\363\044\225\117\234
\355\023\341\210\202\002\366\146\367\267\261\055\200\047\255\256
\270\155\376\043\007\021\010\253\164\141\214\050\022\371\366\020
\064\360\317\266\174\243\165\055\022\324\224\337\164\356\261\230
\253\261\356\042\142\113\131\037\177\376\032\145\255\115\342\244
\021\077\023\041\264\330\065\213\166\100\246\137\275\063\021\337
\230\343\041\136\035\243\273\170\066\002\073\330\375\144\204\332
\067\315\131\355\374\014\320\164\244\153\161\074\066\022\104\236
\176\156\117\012\041\034\145\037\113\022\154\277\216\162\326\335
\076\000\160\230\001\105\053\354\225\220\343\323\151\070\347\053
\235\176\145\131\133\341\333\205\312\143\376\253\277\344\320\375
\344\122\272\032\346\376\306\220\272\173\316\361\244\142\305\107
\276\044\307\240\172\345\041\341\306\010\340\014\211\203\217\200
\151\375\356\240\337\172\114\072\323\110\052\026\277\256\246\225
\265\335\150\037\373\016\265\005\214\321\262\104\174\140\060\126
\166\027\265\065\117\250\325\012\353\302\265\156\002\356\234\137
\016\243\261\001\250\345\123\157\176\203\101\037\025\330\377\341
\302\266\032\361\106\234\144\240\032\340\112\312\270\246\264\211
\044\356\173\225\231\142\324\342\100\273\316\243\232\175\035\162
\363\033\201\101\167\000\136\354\074\242\060\005\074\315\174\110
\066\023\310\062\260\153\157\237\070\050\070\151\134\173\346\342

```
\255\203\273\155\023\321\056\267\321\166\157\135\060\136\271\120
\105\110\326\110\200\223\121\311\026\251\020\135\147\306\313\176
\147\175\005\117\364\040\357\044\045\136\355\147\103\306\373\156
\171\373\262\362\310\311\316\101\174\005\340\255\213\315\012\105
\056\342\142\237\227\221\364\371\143\354\362\302\140\212\334\033
\377\041\250\377\043\207\214\163\215\260\072\314\037\217\061\162
\012\375\226\241\337\032\123\323\066\266\260\167\106\336\003\366
\302\200\056\157\227\043\341\021\314\121\230\077\356\100\377\364
\075\233\210\177\214\273\341\131\206\275\011\064\047\134\236\012
\223\062\073\125\052\251\136\013\015\017\251\246\121\004\342\233
\052\021
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "SSC GDL CA Root B"
```

```
# Issuer: CN=SSC GDL CA Root B,OU=CA ROOT Services,O=Skaitmeninio sertifikavimo centras,C=LT
```

```
# Serial Number:3e:8c:4f:bc:e4:29:83:82:4d:84:55:8e:d5:35:80:cf
```

```
# Subject: CN=SSC GDL CA Root B,OU=CA ROOT Services,O=Skaitmeninio sertifikavimo centras,C=LT
```

```
# Not Valid Before: Tue Jun 04 14:20:15 2013
```

```
# Not Valid After: Sat Jun 04 14:21:55 2033
```

```
# Fingerprint (MD5): ca:b5:ab:b2:55:7b:93:36:32:53:23:ed:79:27:30:4a
```

```
# Fingerprint (SHA1): c8:60:a3:18:fc:f5:b7:13:0b:10:07:ad:7f:61:4a:40:ff:ff:18:5f
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SSC GDL CA Root B"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\310\140\243\030\374\365\267\023\013\020\007\255\177\141\112\100
\377\377\030\137
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\312\265\253\262\125\173\223\066\062\123\043\355\171\047\060\112
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\161\061\013\060\011\006\003\125\004\006\023\002\114\124\061
\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155
\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141
\166\151\155\157\040\143\145\156\164\162\141\163\061\031\060\027
\006\003\125\004\013\023\020\103\101\040\122\117\117\124\040\123
\145\162\166\151\143\145\163\061\032\060\030\006\003\125\004\003
\023\021\123\123\103\040\107\104\114\040\103\101\040\122\157\157
\164\040\102
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

\002\020\076\214\117\274\344\051\203\202\115\204\125\216\325\065
\200\317

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "SAPO Class 2 Root CA"

Issuer: 1.2.840.113549.1.9.1=pkiadmin@trustcentre.co.za,CN=SAPO Class 2 Root CA,OU=SAPO Trust
Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA

Serial Number: 1 (0x1)

Subject: 1.2.840.113549.1.9.1=pkiadmin@trustcentre.co.za,CN=SAPO Class 2 Root CA,OU=SAPO Trust
Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA

Not Valid Before: Wed Sep 15 00:00:00 2010

Not Valid After: Sat Sep 14 00:00:00 2030

Fingerprint (MD5): 0a:7b:e7:df:15:44:93:ed:92:72:42:1a:28:4b:0c:ee

Fingerprint (SHA1): e4:55:01:60:8a:a1:ef:89:e2:7b:8c:d3:c3:b3:4c:03:b0:38:e6:d7

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SAPO Class 2 Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040
\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\062\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040

\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\062\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\130\060\202\003\100\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101\061
\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145\162
\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007\023
\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061\052
\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040\101
\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146\151
\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006\003
\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164\040
\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003\023
\024\123\101\120\117\040\103\154\141\163\163\040\062\040\122\157
\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206\367
\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100\164
\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172\141
\060\036\027\015\061\060\060\071\061\065\060\060\060\060\060
\132\027\015\063\060\060\071\061\064\060\060\060\060\060\060\132
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040
\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006\003
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\062\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001
\001\000\267\174\151\174\140\365\154\046\364\252\034\027\177\135
\324\021\113\347\363\332\347\163\247\372\244\102\111\150\077\332

\245\100\134\006\150\137\116\314\275\276\201\070\044\055\314\046
\240\104\155\003\313\043\340\273\336\205\123\113\224\137\137\173
\252\310\032\227\376\327\043\223\355\260\152\275\330\374\000\076
\263\222\004\340\113\276\117\073\230\247\235\355\315\143\360\201
\347\154\230\324\154\140\125\000\345\271\074\346\064\225\135\340
\375\161\207\351\377\201\356\345\167\157\030\377\363\311\174\245
\225\335\202\334\024\331\242\341\276\315\047\163\273\105\133\077
\164\261\142\170\146\020\042\054\365\150\363\027\210\026\073\232
\033\035\373\024\256\015\272\362\220\125\242\325\060\326\053\225
\062\307\071\156\173\145\322\167\070\316\156\126\245\331\043\253
\070\262\073\121\205\300\035\033\267\021\057\005\151\107\330\002
\312\222\250\341\063\336\205\010\233\355\220\325\330\041\231\161
\277\266\365\163\357\147\010\230\144\322\362\052\172\113\041\026
\341\037\130\141\336\221\107\037\041\237\037\376\214\043\206\203
\030\047\002\003\001\000\001\243\077\060\075\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\014\006\003\125
\035\023\004\005\060\003\001\001\377\060\035\006\003\125\035\016
\004\026\004\024\253\235\043\223\375\037\063\112\062\055\252\044
\132\362\055\144\251\001\232\101\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\003\202\001\001\000\126\122\121\271
\017\002\341\366\056\234\261\061\132\246\370\316\274\356\002\204
\025\011\361\050\122\137\347\341\054\275\333\171\012\172\277\353
\142\236\325\206\107\051\356\164\060\354\114\165\265\036\343\252
\063\357\255\341\152\114\277\067\001\276\125\203\114\251\122\330
\067\230\120\157\150\335\107\101\267\054\060\310\156\114\007\054
\306\323\111\271\265\134\322\313\314\324\066\306\007\015\030\117
\077\143\000\304\354\266\210\373\001\144\143\255\321\367\167\174
\144\124\053\022\075\064\025\205\360\240\272\171\051\137\230\233
\102\352\256\301\250\237\023\211\212\155\351\270\070\311\141\355
\140\354\367\052\130\005\233\241\140\170\203\027\341\176\137\350
\375\170\340\153\126\052\206\166\256\133\302\136\353\105\344\060
\270\061\355\144\261\135\056\300\075\200\015\307\047\023\323\166
\342\206\373\334\333\200\012\201\341\375\010\371\013\304\061\264
\143\133\347\214\063\345\006\266\122\152\263\327\351\153\343\062
\170\062\146\224\116\335\215\167\155\323\044\050\133\124\141\167
\002\147\165\224\113\127\113\346\154\305\071\157

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "SAPO Class 2 Root CA"

Issuer: 1.2.840.113549.1.9.1=pkiaadmin@trustcentre.co.za,CN=SAPO Class 2 Root CA,OU=SAPO Trust
Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA

Serial Number: 1 (0x1)

Subject: 1.2.840.113549.1.9.1=pkiaadmin@trustcentre.co.za,CN=SAPO Class 2 Root CA,OU=SAPO Trust
Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA

```

# Not Valid Before: Wed Sep 15 00:00:00 2010
# Not Valid After: Sat Sep 14 00:00:00 2030
# Fingerprint (MD5): 0a:7b:e7:df:15:44:93:ed:92:72:42:1a:28:4b:0c:ee
# Fingerprint (SHA1): e4:55:01:60:8a:a1:ef:89:e2:7b:8c:d3:c3:b3:4c:03:b0:38:e6:d7
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SAPO Class 2 Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\344\125\001\140\212\241\357\211\342\173\214\323\303\263\114\003
\260\070\346\327
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\012\173\347\337\025\104\223\355\222\162\102\032\050\113\014\356
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040
\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\062\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

# Microsoft Code Signing Only Certificate
# Certificate "SAPO Class 3 Root CA"
# Issuer: 1.2.840.113549.1.9.1=pkiadmin@trustcentre.co.za,CN=SAPO Class 3 Root CA,OU=SAPO Trust
Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA
# Serial Number: 2 (0x2)
# Subject: 1.2.840.113549.1.9.1=pkiadmin@trustcentre.co.za,CN=SAPO Class 3 Root CA,OU=SAPO Trust
Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA
# Not Valid Before: Wed Sep 15 00:00:00 2010

```



```
# Not Valid After: Sat Sep 14 00:00:00 2030
# Fingerprint (MD5): 54:e5:eb:35:d1:75:05:3c:7c:df:30:d6:bf:f3:ff:53
# Fingerprint (SHA1): 38:dd:76:59:c7:35:10:0b:00:a2:37:e4:91:b7:bc:0f:fc:d2:31:6c
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SAPO Class 3 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040
\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\063\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040
\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\063\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\130\060\202\004\100\240\003\002\001\002\002\001\002
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
```

\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101\061
\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145\162
\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007\023
\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061\052
\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040\101
\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146\151
\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006\003
\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164\040
\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003\023
\024\123\101\120\117\040\103\154\141\163\163\040\063\040\122\157
\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206\367
\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100\164
\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172\141
\060\036\027\015\061\060\060\071\061\065\060\060\060\060\060
\132\027\015\063\060\060\071\061\064\060\060\060\060\060\132
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040
\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\063\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\312\170\032\007\274\366\373\264\267\211\274\320\031\126
\070\052\131\235\007\352\032\371\370\370\150\147\136\217\357\312
\367\365\152\211\346\243\225\177\251\333\051\044\034\065\320\070
\226\154\076\126\044\377\136\142\121\220\056\207\350\234\307\332
\274\063\361\236\241\157\013\216\012\044\364\370\115\220\246\262
\315\136\021\323\302\227\114\365\137\100\035\046\044\115\215\011
\020\013\377\273\040\033\223\046\031\014\103\077\351\216\274\061
\067\020\156\221\312\110\202\126\106\307\274\271\072\236\106\201
\146\317\331\350\134\020\317\071\236\145\303\236\305\132\364\113
\314\104\231\146\206\364\162\033\243\123\111\352\256\107\315\062
\015\160\346\240\240\166\007\235\377\130\357\344\074\221\300\265
\344\334\270\001\014\323\376\263\102\240\073\141\002\324\067\133
\327\114\105\225\322\165\135\365\156\060\137\127\121\213\262\377
\176\310\213\234\252\243\101\067\014\020\221\250\246\205\134\271
\307\217\005\121\262\320\170\322\342\113\111\351\324\032\247\073
\254\252\063\346\232\052\003\100\230\157\164\122\023\061\224\321
\022\301\264\313\060\371\377\104\270\222\133\122\326\060\331\063
\321\165\343\031\245\026\025\267\124\127\361\126\120\316\116\276

\003\073\057\354\266\060\356\024\140\136\137\172\065\364\116\144
\007\021\352\245\007\146\033\156\223\342\260\117\136\326\340\104
\340\263\334\256\357\270\375\250\263\354\354\345\071\210\104\264
\241\273\024\140\144\217\326\222\223\313\363\314\120\335\351\007
\310\147\147\371\360\207\204\221\262\000\142\351\277\112\025\164
\305\277\004\114\005\106\135\012\313\345\352\141\000\341\157\101
\261\064\216\246\000\242\174\246\245\246\372\154\114\103\345\250
\046\232\064\230\036\207\230\347\114\170\321\217\237\005\125\135
\212\113\311\317\240\013\175\006\220\234\030\222\262\304\262\327
\343\105\331\153\163\303\227\071\277\051\036\006\011\125\100\272
\274\332\110\165\103\355\376\104\176\075\054\346\142\221\003\375
\075\211\357\176\364\135\044\217\245\013\053\263\076\172\051\050
\274\273\077\277\353\167\205\004\046\213\224\262\220\365\353\215
\117\242\104\042\120\250\234\052\104\110\000\170\031\253\235\010
\226\025\002\003\001\000\001\243\077\060\075\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\014\006\003\125
\035\023\004\005\060\003\001\001\377\060\035\006\003\125\035\016
\004\026\004\024\141\263\171\122\235\112\225\222\121\216\202\044
\160\323\216\100\310\305\146\320\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\003\202\002\001\000\177\306\263\044
\204\120\067\371\304\260\305\060\074\026\351\120\015\172\272\264
\073\322\043\345\351\211\170\152\345\343\033\005\036\221\034\316
\006\227\215\146\026\007\104\357\201\271\010\176\243\307\071\064
\270\277\232\155\215\260\301\040\102\056\015\367\013\006\003\117
\156\313\274\267\260\057\031\161\215\216\257\012\115\130\061\213
\104\231\052\050\146\205\307\200\046\146\260\107\302\071\262\372
\117\076\125\275\334\211\047\113\163\063\004\376\173\107\220\311
\005\300\055\063\370\267\010\202\051\101\103\375\046\123\346\372
\037\067\126\215\117\027\272\330\375\072\204\160\330\076\360\063
\256\304\005\110\124\241\271\325\041\077\352\076\307\251\061\107
\367\233\256\112\142\230\321\147\040\145\336\171\341\261\062\036
\153\337\373\200\153\107\134\071\307\016\010\252\307\243\356\051
\351\064\342\233\371\165\270\046\353\210\235\264\071\021\056\160
\375\121\004\062\273\017\171\204\120\041\105\174\057\344\331\377
\045\070\006\043\253\116\261\016\334\073\061\012\255\332\113\000
\151\153\056\342\303\014\311\005\001\105\146\341\245\211\141\034
\144\231\215\013\230\220\263\176\146\073\013\330\253\350\165\016
\331\177\232\156\175\311\203\047\311\274\350\064\070\302\132\207
\062\162\007\014\376\325\224\321\360\300\170\362\200\250\106\365
\153\232\354\342\331\026\216\212\372\204\366\321\122\311\234\262
\041\126\140\103\246\020\367\177\111\277\276\007\323\120\144\155
\002\272\052\125\054\317\331\302\156\257\174\013\110\320\361\341
\247\302\255\164\217\206\344\355\252\372\134\203\175\102\350\175
\007\035\007\125\314\053\151\062\271\167\202\150\306\167\362\042
\151\246\311\012\135\207\231\345\161\236\175\057\023\036\322\364
\375\011\171\047\130\053\012\207\201\052\373\152\043\055\113\044
\205\164\026\107\030\017\011\305\376\251\110\044\343\254\320\151
\075\137\123\230\062\275\354\340\121\301\123\112\261\366\073\360

```
\064\110\365\232\336\334\321\340\343\275\045\263\104\350\072\163
\311\171\320\254\321\355\342\000\012\137\241\035\146\131\112\163
\150\324\005\162\063\070\247\153\257\221\333\015\307\214\100\350
\236\220\210\311\373\376\044\327\201\254\363\336
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "SAPO Class 3 Root CA"

Issuer: 1.2.840.113549.1.9.1=pkiadmin@trustcentre.co.za,CN=SAPO Class 3 Root CA,OU=SAPO Trust Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA

Serial Number: 2 (0x2)

Subject: 1.2.840.113549.1.9.1=pkiadmin@trustcentre.co.za,CN=SAPO Class 3 Root CA,OU=SAPO Trust Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA

Not Valid Before: Wed Sep 15 00:00:00 2010

Not Valid After: Sat Sep 14 00:00:00 2030

Fingerprint (MD5): 54:e5:eb:35:d1:75:05:3c:7c:df:30:d6:bf:f3:ff:53

Fingerprint (SHA1): 38:dd:76:59:c7:35:10:0b:00:a2:37:e4:91:b7:bc:0f:fc:d2:31:6c

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SAPO Class 3 Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\070\335\166\131\307\065\020\013\000\242\067\344\221\267\274\017
\374\322\061\154
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\124\345\353\065\321\165\005\074\174\337\060\326\277\363\377\123
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040
\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\063\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "SAPO Class 4 Root CA"
# Issuer: 1.2.840.113549.1.9.1=pkiadmin@trustcentre.co.za,CN=SAPO Class 4 Root CA,OU=SAPO Trust
Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA
# Serial Number: 3 (0x3)
# Subject: 1.2.840.113549.1.9.1=pkiadmin@trustcentre.co.za,CN=SAPO Class 4 Root CA,OU=SAPO Trust
Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA
# Not Valid Before: Wed Sep 15 00:00:00 2010
# Not Valid After: Sat Sep 14 00:00:00 2030
# Fingerprint (MD5): f8:a7:f6:89:94:8c:61:f7:43:98:36:df:22:82:9b:3b
# Fingerprint (SHA1): 20:a8:f5:ff:c4:3a:f4:a9:bc:89:88:1e:bf:99:20:ff:91:e9:fd:0a
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SAPO Class 4 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040
\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\064\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040

```

\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\064\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\003

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\130\060\202\004\100\240\003\002\001\002\002\001\003
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101\061
\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145\162
\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007\023
\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061\052
\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040\101
\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146\151
\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006\003
\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164\040
\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003\023
\024\123\101\120\117\040\103\154\141\163\163\040\064\040\122\157
\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206\367
\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100\164
\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172\141
\060\036\027\015\061\060\060\071\061\065\060\060\060\060\060
\132\027\015\063\060\060\071\061\064\060\060\060\060\060\060\132
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040
\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\064\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\333\334\355\110\232\240\243\237\340\021\216\331\310\222
\165\072\125\301\121\042\312\013\172\244\065\015\305\346\127\055

\203\360\052\157\042\070\067\061\155\174\205\044\242\006\057\103
\202\075\105\060\100\045\034\356\130\107\101\346\360\236\000\036
\370\364\057\021\273\222\262\230\105\055\323\037\200\311\166\024
\023\303\314\100\346\255\353\071\140\374\317\310\337\052\375\214
\022\121\357\317\014\144\306\127\350\043\121\135\347\146\122\352
\146\275\223\177\235\172\050\361\031\160\156\204\237\060\107\267
\260\071\153\023\054\353\113\115\056\257\077\277\375\002\023\112
\071\347\076\063\305\020\221\121\276\017\107\235\115\122\374\054
\363\343\023\242\000\202\341\024\014\315\322\236\263\362\340\201
\332\276\231\222\123\343\175\231\167\103\341\341\110\051\201\236
\326\005\127\072\161\334\076\230\255\130\160\157\106\273\176\062
\003\342\203\233\131\127\367\370\263\315\124\026\354\266\255\241
\034\032\222\321\324\051\236\217\315\263\350\175\120\361\302\202
\254\272\275\264\165\126\240\365\105\135\030\175\054\214\361\173
\101\314\206\261\232\204\113\012\052\135\233\226\341\315\372\253
\026\047\101\347\225\065\246\313\212\247\226\363\245\314\121\371
\055\175\036\103\373\334\155\265\271\070\275\005\373\130\372\056
\323\354\136\144\055\257\130\001\112\174\042\106\323\101\313\075
\344\226\136\111\103\070\273\211\353\364\234\151\071\022\003\134
\204\273\345\214\036\352\340\146\273\300\277\214\376\236\012\115
\075\150\077\100\166\326\062\251\352\105\270\152\007\122\216\315
\121\361\135\050\143\014\323\131\070\374\311\375\202\311\105\040
\274\346\350\314\242\014\313\173\144\071\111\106\105\365\163\034
\152\227\040\353\041\102\367\264\040\122\267\112\375\165\274\313
\017\014\147\021\127\037\367\060\361\253\220\314\135\074\226\005
\142\323\312\125\001\113\106\305\200\207\034\162\320\163\124\041
\352\327\243\234\323\256\177\324\123\331\050\374\127\336\345\077
\122\112\273\310\046\044\107\123\034\163\272\317\306\264\060\315
\136\161\307\126\274\111\070\045\346\305\020\011\170\331\324\035
\134\315\156\355\333\221\134\241\123\024\126\252\215\047\251\246
\216\033\002\003\001\000\001\243\077\060\075\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\014\006\003\125
\035\023\004\005\060\003\001\001\377\060\035\006\003\125\035\016
\004\026\004\024\026\204\055\373\033\347\264\036\150\230\323\102
\040\032\156\176\117\221\127\002\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\003\202\002\001\000\173\343\015\143
\072\144\040\155\314\374\054\270\351\326\253\333\327\253\046\051
\107\242\014\126\355\165\314\225\231\122\066\313\040\373\021\064
\027\102\116\165\005\260\330\344\270\260\204\057\230\031\271\373
\320\071\154\162\006\030\311\134\212\172\164\010\067\110\151\375
\042\241\135\305\327\170\023\360\050\102\101\303\311\303\071\011
\007\324\241\370\067\042\151\344\337\062\125\157\302\174\271\223
\361\262\067\165\314\256\322\063\226\214\066\367\001\355\343\144
\351\013\150\133\020\252\001\066\231\174\317\232\224\135\375\032
\131\141\242\145\025\175\236\027\144\324\237\123\230\001\375\161
\127\320\135\100\021\026\077\077\104\322\257\311\374\010\062\175
\166\370\325\103\350\334\066\150\007\303\116\303\226\227\127\306
\175\066\136\333\160\255\376\256\324\210\235\265\244\140\326\243

```
\142\276\174\371\064\036\374\273\364\112\162\305\203\036\106\150
\303\016\227\203\030\075\323\016\012\021\065\174\151\225\305\253
\052\365\310\071\020\115\014\211\060\051\211\111\033\104\227\221
\364\352\145\041\033\077\012\103\162\202\034\155\021\135\340\042
\105\137\141\114\242\246\372\337\243\106\272\341\201\140\154\062
\264\374\344\334\066\005\344\063\367\353\217\167\111\252\215\012
\357\110\212\346\101\227\176\073\253\103\207\362\010\140\013\157
\327\131\146\375\053\273\057\316\063\117\162\340\266\327\263\123
\127\211\360\073\274\156\342\020\277\163\076\142\217\245\010\351
\123\147\301\116\301\056\102\103\247\262\244\371\026\213\102\356
\334\064\177\110\263\220\333\044\342\310\344\123\065\123\234\352
\067\205\317\277\230\006\065\107\046\327\256\155\335\204\251\143
\130\046\101\365\165\062\056\141\236\117\223\122\122\366\132\043
\353\301\240\163\046\045\042\102\221\221\221\200\117\377\210\316
\136\163\347\226\302\355\011\022\367\166\226\251\171\142\220\111
\201\203\237\014\062\062\342\133\312\335\110\064\254\207\216\161
\225\256\114\344\174\170\035\247\121\303\275\021\372\002\321\225
\211\163\010\106\042\211\151\000\317\117\200\301\115\133\224\304
\312\231\121\230\057\015\275\175\124\144\324\012\332\047\131\247
\067\273\126\014\320\006\242\162\271\022\271\133
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "SAPO Class 4 Root CA"

Issuer: 1.2.840.113549.1.9.1=pkiaadmin@trustcentre.co.za,CN=SAPO Class 4 Root CA,OU=SAPO Trust Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA

Serial Number: 3 (0x3)

Subject: 1.2.840.113549.1.9.1=pkiaadmin@trustcentre.co.za,CN=SAPO Class 4 Root CA,OU=SAPO Trust Centre,O=South African Post Office Limited,L=Somerset West,ST=Western Cape,C=ZA

Not Valid Before: Wed Sep 15 00:00:00 2010

Not Valid After: Sat Sep 14 00:00:00 2030

Fingerprint (MD5): f8:a7:f6:89:94:8c:61:f7:43:98:36:df:22:82:9b:3b

Fingerprint (SHA1): 20:a8:f5:ff:c4:3a:f4:a9:bc:89:88:1e:bf:99:20:ff:91:e9:fd:0a

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SAPO Class 4 Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\040\250\365\377\304\072\364\251\274\211\210\036\277\231\040\377
\221\351\375\012
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\370\247\366\211\224\214\141\367\103\230\066\337\042\202\233\073
```

END


```

CKA_ISSUER MULTILINE_OCTAL
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\026\060\024\006\003\125\004\007
\023\015\123\157\155\145\162\163\145\164\040\127\145\163\164\061
\052\060\050\006\003\125\004\012\023\041\123\157\165\164\150\040
\101\146\162\151\143\141\156\040\120\157\163\164\040\117\146\146
\151\143\145\040\114\151\155\151\164\145\144\061\032\060\030\006
\003\125\004\013\023\021\123\101\120\117\040\124\162\165\163\164
\040\103\145\156\164\162\145\061\035\060\033\006\003\125\004\003
\023\024\123\101\120\117\040\103\154\141\163\163\040\064\040\122
\157\157\164\040\103\101\061\051\060\047\006\011\052\206\110\206
\367\015\001\011\001\026\032\160\153\151\141\144\155\151\156\100
\164\162\165\163\164\143\145\156\164\162\145\056\143\157\056\172
\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\003
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "CA Disig Root R1"
# Issuer: CN=CA Disig Root R1,O=Disig a.s.,L=Bratislava,C=SK
# Serial Number:c3:03:9a:ee:50:90:6e:28
# Subject: CN=CA Disig Root R1,O=Disig a.s.,L=Bratislava,C=SK
# Not Valid Before: Thu Jul 19 09:06:56 2012
# Not Valid After: Sat Jul 19 09:06:56 2042
# Fingerprint (MD5): be:ec:11:93:9a:f5:69:21:bc:d7:c1:c0:67:89:cc:2a
# Fingerprint (SHA1): 8e:1c:74:f8:a6:20:b9:e5:8a:f4:61:fa:ec:2b:47:56:51:1a:52:c6
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA Disig Root R1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\061
END
CKA_ID UTF8 "0"

```

CKA_ISSUER MULTILINE_OCTAL

\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\011\000\303\003\232\356\120\220\156\050

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\151\060\202\003\121\240\003\002\001\002\002\011\000
\303\003\232\356\120\220\156\050\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\060\122\061\013\060\011\006\003\125
\004\006\023\002\123\113\061\023\060\021\006\003\125\004\007\023
\012\102\162\141\164\151\163\154\141\166\141\061\023\060\021\006
\003\125\004\012\023\012\104\151\163\151\147\040\141\056\163\056
\061\031\060\027\006\003\125\004\003\023\020\103\101\040\104\151
\163\151\147\040\122\157\157\164\040\122\061\060\036\027\015\061
\062\060\067\061\071\060\071\060\066\065\066\132\027\015\064\062
\060\067\061\071\060\071\060\066\065\066\132\060\122\061\013\060
\011\006\003\125\004\006\023\002\123\113\061\023\060\021\006\003
\125\004\007\023\012\102\162\141\164\151\163\154\141\166\141\061
\023\060\021\006\003\125\004\012\023\012\104\151\163\151\147\040
\141\056\163\056\061\031\060\027\006\003\125\004\003\023\020\103
\101\040\104\151\163\151\147\040\122\157\157\164\040\122\061\060
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000
\252\303\170\367\334\230\243\247\132\136\167\030\262\335\004\144
\017\143\375\233\226\011\200\325\350\252\245\342\234\046\224\072
\350\231\163\214\235\337\327\337\203\363\170\117\100\341\177\322
\247\322\345\312\023\223\347\355\306\167\137\066\265\224\257\350
\070\216\333\233\345\174\273\314\215\353\165\163\341\044\315\346
\247\055\031\056\330\326\212\153\024\353\010\142\012\330\334\263
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\175\017\245\172\102\331\132\160\331\277\247\327\001\034\366\233
\253\216\267\112\206\170\240\036\126\061\256\357\202\012\200\101
\367\033\311\256\253\062\046\324\054\153\355\175\153\344\342\136
\042\012\105\313\204\061\115\254\376\333\321\107\272\371\140\227
\071\261\145\307\336\373\231\344\012\042\261\055\115\345\110\046
\151\253\342\252\363\373\374\222\051\062\351\263\076\115\037\047
\241\315\216\271\027\373\045\076\311\156\363\167\332\015\022\366
\135\307\273\066\020\325\124\326\363\340\342\107\110\346\336\024
\332\141\122\257\046\264\365\161\117\311\327\322\006\337\143\312
\377\041\350\131\006\340\010\325\204\025\123\367\103\345\174\305
\240\211\230\153\163\306\150\316\145\336\275\177\005\367\261\356
\366\127\241\140\225\305\314\352\223\072\276\231\256\233\002\243

\255\311\026\265\316\335\136\231\170\176\032\071\176\262\300\005
\244\300\202\245\243\107\236\214\352\134\266\274\147\333\346\052
\115\322\004\334\243\256\105\367\274\213\234\034\247\326\325\003
\334\010\313\056\026\312\134\100\063\350\147\303\056\347\246\104
\352\021\105\034\065\145\055\036\105\141\044\033\202\056\245\235
\063\135\145\370\101\371\056\313\224\077\037\243\014\061\044\104
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\157\133\240\012\064\074\356\327\352\210\237\230\371\257\116\044
\372\227\262\144\166\332\253\364\355\343\303\140\357\325\371\002
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\252\362\346\115\233\111\345\305\050\241\272\260\132\306\240\265
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023
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\016\004\026\004\024\211\012\264\070\223\032\346\253\356\233\221
\030\371\365\074\076\065\320\323\202\060\015\006\011\052\206\110
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\235\112\311\276\024\345\214\254\070\312\072\011\324\033\316\206
\263\335\353\324\272\050\276\022\256\105\054\004\164\254\023\121
\305\130\030\146\115\202\332\325\334\223\300\047\341\276\174\237
\122\236\022\126\366\325\234\251\364\165\234\372\067\022\217\034
\223\354\127\376\007\017\253\325\022\367\017\256\141\136\126\200
\111\365\374\060\365\233\117\037\101\057\034\204\323\211\307\342
\332\002\166\355\011\317\154\301\270\034\203\034\026\372\224\315
\175\240\310\030\322\310\235\156\365\275\151\324\155\075\065\350
\036\242\117\140\327\007\051\374\262\243\244\235\156\025\222\126
\031\114\012\260\351\174\322\031\115\102\106\354\275\375\366\127
\133\335\230\176\244\115\314\162\003\203\130\135\357\223\072\101
\172\143\252\174\072\250\365\254\244\321\335\242\055\266\052\374
\237\001\216\342\020\261\304\312\344\147\333\125\045\031\077\375
\350\066\176\263\341\341\201\257\021\026\213\120\227\140\031\202
\000\300\153\115\163\270\321\023\007\076\352\266\061\117\360\102
\232\155\342\021\164\345\224\254\215\204\225\074\041\257\305\332
\107\310\337\071\142\142\313\133\120\013\327\201\100\005\234\233
\355\272\266\213\036\004\157\226\040\071\355\244\175\051\333\110
\316\202\334\324\002\215\035\004\061\132\307\113\360\154\141\122
\327\264\121\302\201\154\315\341\373\247\241\322\222\166\317\261
\017\067\130\244\362\122\161\147\077\014\210\170\200\211\301\310
\265\037\222\143\276\247\172\212\126\054\032\250\246\234\265\135
\263\143\320\023\040\241\353\221\154\320\215\175\257\337\013\344
\027\271\206\236\070\261\224\014\130\214\340\125\252\073\143\155
\232\211\140\270\144\052\222\306\067\364\176\103\103\267\163\350
\001\347\177\227\017\327\362\173\031\375\032\327\217\311\372\205
\153\172\235\236\211\266\246\050\231\223\210\100\367\076\315\121
\243\312\352\357\171\107\041\265\376\062\342\307\303\121\157\276
\200\164\360\244\303\072\362\117\351\137\337\031\012\362\073\023

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\016\353\264\261\274\267\114\311\153\277\241\363\331\364\355\342
\360\343\355\144\236\075\057\226\122\117\200\123\213
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "CA Disig Root R1"

Issuer: CN=CA Disig Root R1,O=Disig a.s.,L=Bratislava,C=SK

Serial Number:c3:03:9a:ee:50:90:6e:28

Subject: CN=CA Disig Root R1,O=Disig a.s.,L=Bratislava,C=SK

Not Valid Before: Thu Jul 19 09:06:56 2012

Not Valid After: Sat Jul 19 09:06:56 2042

Fingerprint (MD5): be:ec:11:93:9a:f5:69:21:bc:d7:c1:c0:67:89:cc:2a

Fingerprint (SHA1): 8e:1c:74:f8:a6:20:b9:e5:8a:f4:61:fa:ec:2b:47:56:51:1a:52:c6

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "CA Disig Root R1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\216\034\164\370\246\040\271\345\212\364\141\372\354\053\107\126
\121\032\122\306
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\276\354\021\223\232\365\151\041\274\327\301\300\147\211\314\052
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\011\000\303\003\232\356\120\220\156\050
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Certificate "Autoridad Certificadora Raíz Nacional de Uruguay"

Issuer: C=UY,O=AGESIC,CN=Autoridad Certificadora Raíz Nacional de Uruguay

```
# Serial Number:02:ee:00:9b:66:d8:6a:1d:67:fe:da:8a:25:6f:21:5a:75:1b
# Subject: C=UY,O=AGESIC,CN=Autoridad Certificadora Raíz Nacional de Uruguay
# Not Valid Before: Thu Nov 03 15:02:49 2011
# Not Valid After: Wed Oct 29 15:02:49 2031
# Fingerprint (MD5): 7b:b7:e7:2e:64:18:e4:11:0c:f7:42:78:3e:65:a2:ae
# Fingerprint (SHA1): 7a:1c:dd:e3:d2:19:7e:71:37:43:3d:3f:99:c0:b3:69:f7:06:c7:49
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad Certificadora Raíz Nacional de Uruguay"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\072\060\070\006\003\125\004\003\014\061\101\165\164
\157\162\151\144\141\144\040\103\145\162\164\151\146\151\143\141
\144\157\162\141\040\122\141\303\255\172\040\116\141\143\151\157
\156\141\154\040\144\145\040\125\162\165\147\165\141\171\061\017
\060\015\006\003\125\004\012\023\006\101\107\105\123\111\103\061
\013\060\011\006\003\125\004\006\023\002\125\131
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\072\060\070\006\003\125\004\003\014\061\101\165\164
\157\162\151\144\141\144\040\103\145\162\164\151\146\151\143\141
\144\157\162\141\040\122\141\303\255\172\040\116\141\143\151\157
\156\141\154\040\144\145\040\125\162\165\147\165\141\171\061\017
\060\015\006\003\125\004\012\023\006\101\107\105\123\111\103\061
\013\060\011\006\003\125\004\006\023\002\125\131
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\002\356\000\233\146\330\152\035\147\376\332\212\045\157
\041\132\165\033
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\235\060\202\004\205\240\003\002\001\002\002\022\002
\356\000\233\146\330\152\035\147\376\332\212\045\157\041\132\165
\033\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\060\132\061\072\060\070\006\003\125\004\003\014\061\101\165\164
\157\162\151\144\141\144\040\103\145\162\164\151\146\151\143\141
\144\157\162\141\040\122\141\303\255\172\040\116\141\143\151\157
\156\141\154\040\144\145\040\125\162\165\147\165\141\171\061\017
\060\015\006\003\125\004\012\023\006\101\107\105\123\111\103\061
\013\060\011\006\003\125\004\006\023\002\125\131\060\036\027\015
\061\061\061\061\060\063\061\065\060\062\064\071\132\027\015\063
\061\061\060\062\071\061\065\060\062\064\071\132\060\132\061\072
\060\070\006\003\125\004\003\014\061\101\165\164\157\162\151\144
\141\144\040\103\145\162\164\151\146\151\143\141\144\157\162\141
\040\122\141\303\255\172\040\116\141\143\151\157\156\141\154\040
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\144\145\040\125\162\165\147\165\141\171\061\017\060\015\006\003
\125\004\012\023\006\101\107\105\123\111\103\061\013\060\011\006
\003\125\004\006\023\002\125\131\060\202\002\040\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\015\000
\060\202\002\010\002\202\002\001\000\227\304\037\052\104\241\201
\113\110\221\165\335\353\332\217\312\033\213\362\264\074\054\306
\345\364\301\036\321\270\060\023\157\134\237\345\121\226\177\032
\244\026\376\322\324\035\045\366\320\346\067\140\137\000\243\031
\251\354\047\277\120\055\005\240\134\136\223\353\343\150\375\233
\075\271\024\066\055\347\045\025\020\220\032\222\311\021\261\051
\227\223\126\125\142\255\107\254\177\325\014\167\226\322\223\150
\152\061\335\124\357\223\362\012\117\240\137\002\132\357\266\104
\076\347\231\262\216\105\336\240\367\300\350\110\260\107\354\336
\102\024\333\065\173\240\151\374\036\300\001\051\026\332\063\241
\041\241\062\062\020\166\175\250\307\300\056\163\203\144\374\132
\367\233\066\214\151\355\040\125\043\171\315\363\363\154\153\140
\134\170\215\374\075\205\054\274\251\367\160\350\245\312\115\330
\174\230\357\206\166\030\204\325\100\051\020\047\062\347\357\003
\104\013\117\311\052\361\266\264\053\240\325\003\224\204\041\323
\164\363\051\155\170\360\005\152\256\001\017\141\037\306\245\360
\307\202\025\331\073\373\335\213\164\151\356\344\307\307\364\021
\334\024\121\301\204\032\045\126\023\153\133\316\137\054\375\213
\033\055\017\310\300\125\252\030\117\230\234\317\242\167\010\264
\065\225\330\271\213\234\111\016\264\020\013\374\374\107\115\324
\232\127\371\237\172\275\351\127\273\264\017\137\025\220\330\150
\154\325\205\045\203\055\206\014\107\142\227\263\171\115\271\145
\010\167\122\157\112\343\156\200\300\254\243\325\274\352\111\342
\145\342\114\131\152\202\336\053\365\252\076\376\145\350\121\160
\115\067\204\006\004\077\222\203\324\126\050\343\045\325\124\312
\205\356\126\300\056\316\371\160\020\022\137\135\236\306\274\113
\020\035\126\155\312\162\301\123\011\052\023\075\330\265\371\034
\073\105\306\207\024\320\070\176\236\041\137\374\166\035\377\013
\051\102\333\241\304\171\071\341\115\325\206\120\343\362\340\263
\327\131\233\336\077\036\032\003\363\324\151\206\113\107\034\062
\177\074\007\011\023\020\247\233\007\060\167\063\274\151\021\321
\064\075\174\020\052\270\036\216\275\107\336\371\262\171\125\146
\041\002\007\373\071\054\012\027\241\002\001\003\243\202\001\135
\060\202\001\131\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\142\006\003\125\035\037\004\133\060\131
\060\054\240\052\240\050\206\046\150\164\164\160\072\057\057\167
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\057\141\143\162\156\057\141\143\162\156\056\143\162\154\060\051
\240\047\240\045\206\043\150\164\164\160\072\057\057\167\167\167
\056\165\143\145\056\147\165\142\056\165\171\057\141\143\162\156
\057\141\143\162\156\056\143\162\154\060\201\262\006\003\125\035
\040\004\201\252\060\201\247\060\134\006\013\140\206\132\204\342
\256\035\204\210\005\000\060\115\060\113\006\010\053\006\001\005

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\160\157\154\151\164\151\143\141\163\057\143\160\137\141\143\162
\156\056\160\144\146\060\107\006\013\140\206\132\204\342\256\035
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\156\057\143\160\163\137\141\143\162\156\056\160\144\146\060\035
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\167\102\054\063\245\230\137\320\311\254\215\265\243\060\015\006
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\224\024\372\316\003\135\361\175\061\023\222\116\205\044\060\024
\153\154\323\347\316\346\171\325\333\116\125\116\027\053\327\223
\105\337\023\014\047\147\035\307\102\220\124\060\306\361\250\151
\050\264\116\246\155\245\065\246\120\226\150\111\243\356\057\013
\253\374\003\002\120\150\361\225\051\076\161\054\334\332\345\055
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\223\272\311\213\353\012\371\067\267\224\071\375\115\217\176\242
\334\201\157\033\255\024\017\133\040\003\170\101\163\147\236\322
\227\027\220\052\212\124\113\247\171\177\044\022\221\237\073\054
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\137\327\107\303\052\105\123\025\126\166\117\273\011\350\204\140
\021\357\163\325\347\120\156\151\050\375\353\306\313\312\116\023
\143\015\016\067\054\061\037\333\247\130\240\262\375\015\027\207
\263\222\256\033\050\200\037\266\222\176\206\021\341\366\114\230
\177\146\213\037\023\111\003\102\374\373\230\234\356\206\226\251
\056\005\176\160\034\301\167\310\351\135\202\270\016\316\133\144
\005\143\356\077\006\055\066\014\351\037\162\133\036\254\335\046
\365\034\070\156\375\214\075\115\206\353\047\313\312\003\215\100
\363\052\321\212\330\064\016\302\255\265\210\355\207\232\212\205
\242\207\357\351\271\070\347\150\226\243\001\317\202\075\034\113
\050\235\047\365\371\231\226\173\110\375\254\320\360\062\367\070
\004\335\115\231\256\016\222\202\303\372\074\033\023\307\150\267
\135\340\223\106\270\270\270\244\014\304\033\306\272\106\226\335
\236\125\017\107\235\366\201\245\254\145\131\330\335\256\006\154
\340\103\202\306\147\330\160\002\065\365\066\004\343\112\071\251
\165\002\036\346\077\106\317\234\054\036\204\210\027\252\046\251
\246\103\200\340\300\133\243\144\203\233\232\355\153\001\145\266
\301\075\030\354\223\031\146\224\250\323\021\120\231\172\210\175
\257\076\177\224\220\073\012\303\152\267\215\137\322\247\121\321
\062\037\271\362\062\175\167\223\155\103\354\101\151\253\317\311
\141

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Autoridad Certificadora Raíz Nacional de Uruguay"
Issuer: C=UY,O=AGESIC,CN=Autoridad Certificadora Raíz Nacional de Uruguay
Serial Number:02:ee:00:9b:66:d8:6a:1d:67:fe:da:8a:25:6f:21:5a:75:1b
Subject: C=UY,O=AGESIC,CN=Autoridad Certificadora Raíz Nacional de Uruguay
Not Valid Before: Thu Nov 03 15:02:49 2011
Not Valid After: Wed Oct 29 15:02:49 2031
Fingerprint (MD5): 7b:b7:e7:2e:64:18:e4:11:0c:f7:42:78:3e:65:a2:ae
Fingerprint (SHA1): 7a:1c:dd:e3:d2:19:7e:71:37:43:3d:3f:99:c0:b3:69:f7:06:c7:49

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Autoridad Certificadora Raíz Nacional de Uruguay"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\172\034\335\343\322\031\176\161\067\103\075\077\231\300\263\151
\367\006\307\111

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\173\267\347\056\144\030\344\021\014\367\102\170\076\145\242\256

END

CKA_ISSUER MULTILINE_OCTAL

\060\132\061\072\060\070\006\003\125\004\003\014\061\101\165\164
\157\162\151\144\141\144\040\103\145\162\164\151\146\151\143\141
\144\157\162\141\040\122\141\303\255\172\040\116\141\143\151\157
\156\141\154\040\144\145\040\125\162\165\147\165\141\171\061\017
\060\015\006\003\125\004\012\023\006\101\107\105\123\111\103\061
\013\060\011\006\003\125\004\006\023\002\125\131

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\022\002\356\000\233\146\330\152\035\147\376\332\212\045\157
\041\132\165\033

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "ApplicationCA2 Root"
Issuer: CN=ApplicationCA2 Root,OU=GPKI,O=Japanese Government,C=JP
Serial Number:31:32:35:33:37:32:38:32:38:32:38
Subject: CN=ApplicationCA2 Root,OU=GPKI,O=Japanese Government,C=JP
Not Valid Before: Tue Mar 12 15:00:00 2013
Not Valid After: Sat Mar 12 15:00:00 2033
Fingerprint (MD5): 7b:4c:15:74:3b:54:96:07:aa:95:3b:60:10:23:cf:f3

Fingerprint (SHA1): f0:0f:c3:7d:6a:1c:92:61:fb:6b:c1:c2:18:49:8c:5a:a4:dc:51:fb

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ApplicationCA2 Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\034\060\032\006\003\125\004\012\023\023\112\141\160\141\156\145
\163\145\040\107\157\166\145\162\156\155\145\156\164\061\015\060
\013\006\003\125\004\013\023\004\107\120\113\111\061\034\060\032
\006\003\125\004\003\023\023\101\160\160\154\151\143\141\164\151
\157\156\103\101\062\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\034\060\032\006\003\125\004\012\023\023\112\141\160\141\156\145
\163\145\040\107\157\166\145\162\156\155\145\156\164\061\015\060
\013\006\003\125\004\013\023\004\107\120\113\111\061\034\060\032
\006\003\125\004\003\023\023\101\160\160\154\151\143\141\164\151
\157\156\103\101\062\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\061\062\065\063\067\062\070\062\070\062\070
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\367\060\202\002\337\240\003\002\001\002\002\013\061
\062\065\063\067\062\070\062\070\062\070\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\060\130\061\013\060\011\006
\003\125\004\006\023\002\112\120\061\034\060\032\006\003\125\004
\012\023\023\112\141\160\141\156\145\163\145\040\107\157\166\145
\162\156\155\145\156\164\061\015\060\013\006\003\125\004\013\023
\004\107\120\113\111\061\034\060\032\006\003\125\004\003\023\023
\101\160\160\154\151\143\141\164\151\157\156\103\101\062\040\122
\157\157\164\060\036\027\015\061\063\060\063\061\062\061\065\060
\060\060\060\132\027\015\063\063\060\063\061\062\061\065\060\060
\060\060\132\060\130\061\013\060\011\006\003\125\004\006\023\002
\112\120\061\034\060\032\006\003\125\004\012\023\023\112\141\160
\141\156\145\163\145\040\107\157\166\145\162\156\155\145\156\164
\061\015\060\013\006\003\125\004\013\023\004\107\120\113\111\061
\034\060\032\006\003\125\004\003\023\023\101\160\160\154\151\143
\141\164\151\157\156\103\101\062\040\122\157\157\164\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\246\252
\255\045\145\326\000\021\326\350\172\166\252\364\346\264\113\363
\314\303\122\264\215\254\246\117\265\222\161\157\106\265\325\255
```

\213\022\042\027\045\316\105\350\024\172\205\232\344\043\020\250
\372\261\147\120\345\155\107\340\152\211\023\343\256\256\065\361
\364\102\305\005\367\115\227\176\074\050\374\260\046\221\036\214
\036\070\032\226\334\130\104\227\142\343\062\310\321\025\101\115
\165\230\170\276\253\150\251\136\355\107\276\244\272\216\241\002
\227\336\223\164\231\155\147\264\005\045\356\224\310\355\252\244
\272\062\154\102\021\353\276\313\027\006\220\341\223\205\310\144
\050\316\037\107\307\300\135\140\356\166\066\334\063\073\121\353
\173\317\162\330\017\170\250\031\202\010\220\076\032\230\215\216
\264\317\025\066\246\156\335\267\342\115\100\040\123\331\166\052
\320\170\254\211\360\117\213\062\155\104\352\056\272\260\251\353
\211\335\267\157\171\017\253\201\156\270\346\213\051\013\131\257
\266\111\015\121\054\251\375\235\050\143\146\270\160\225\163\232
\330\372\073\063\274\102\102\033\062\254\261\062\373\075\002\003
\001\000\001\243\201\301\060\201\276\060\035\006\003\125\035\016
\004\026\004\024\126\247\254\252\002\035\262\254\075\220\016\240
\157\056\101\306\166\347\173\332\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\174\006\003\125\035\021\004
\165\060\163\244\161\060\157\061\013\060\011\006\003\125\004\006
\023\002\112\120\061\030\060\026\006\003\125\004\012\014\017\346
\227\245\346\234\254\345\233\275\346\224\277\345\272\234\061\033
\060\031\006\003\125\004\013\014\022\346\224\277\345\272\234\350
\252\215\350\250\274\345\237\272\347\233\244\061\051\060\047\006
\003\125\004\003\014\040\343\202\242\343\203\227\343\203\252\343
\202\261\343\203\274\343\202\267\343\203\247\343\203\263\103\101
\062\040\122\157\157\164\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\003\202\001\001\000\177\232\011\165\254
\007\321\162\164\056\167\127\060\302\004\234\324\200\246\203\347
\245\240\033\237\376\253\363\200\275\325\112\243\241\217\266\114
\140\021\347\312\341\140\201\327\110\301\040\131\245\141\062\213
\235\236\227\323\146\203\332\145\056\130\076\333\345\057\245\315
\214\163\246\121\276\130\050\240\171\134\151\057\103\337\143\262
\211\107\312\273\336\271\064\021\143\240\016\045\027\345\207\364
\035\260\260\245\317\101\250\164\306\350\123\325\102\364\202\055
\123\011\021\150\046\161\224\165\023\115\252\166\210\074\164\261
\326\343\114\117\142\303\111\114\116\155\361\160\176\303\177\246
\005\314\170\233\351\201\333\250\310\307\134\236\374\222\222\055
\246\227\362\070\265\156\163\225\014\300\077\316\246\224\060\265
\372\005\267\336\236\040\252\374\023\144\311\212\272\144\357\342
\143\344\330\230\256\153\265\076\246\125\270\063\076\054\162\373
\054\021\000\373\133\026\057\204\322\023\236\372\005\305\301\313
\162\116\042\335\204\312\113\274\322\055\206\032\004\166\131\037
\111\102\142\073\023\037\026\350\272\327\375

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Trust for "ApplicationCA2 Root"
# Issuer: CN=ApplicationCA2 Root,OU=GPKI,O=Japanese Government,C=JP
# Serial Number:31:32:35:33:37:32:38:32:38:32:38
# Subject: CN=ApplicationCA2 Root,OU=GPKI,O=Japanese Government,C=JP
# Not Valid Before: Tue Mar 12 15:00:00 2013
# Not Valid After: Sat Mar 12 15:00:00 2033
# Fingerprint (MD5): 7b:4c:15:74:3b:54:96:07:aa:95:3b:60:10:23:cf:f3
# Fingerprint (SHA1): f0:0f:c3:7d:6a:1c:92:61:fb:6b:c1:c2:18:49:8c:5a:a4:dc:51:fb
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ApplicationCA2 Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\360\017\303\175\152\034\222\141\373\153\301\302\030\111\214\132
\244\334\121\373
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\173\114\025\164\073\124\226\007\252\225\073\140\020\043\317\363
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\034\060\032\006\003\125\004\012\023\023\112\141\160\141\156\145
\163\145\040\107\157\166\145\162\156\155\145\156\164\061\015\060
\013\006\003\125\004\013\023\004\107\120\113\111\061\034\060\032
\006\003\125\004\003\023\023\101\160\160\154\151\143\141\164\151
\157\156\103\101\062\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\061\062\065\063\067\062\070\062\070\062\070
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "GlobalSign"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Serial Number:2a:38:a4:1c:96:0a:04:de:42:b2:28:a5:0b:e8:34:98:02
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After: Tue Jan 19 03:14:07 2038
# Fingerprint (MD5): 20:f0:27:68:d1:7e:a0:9d:0e:e6:2a:ca:df:5c:89:8e
# Fingerprint (SHA1): 69:69:56:2e:40:80:f4:24:a1:e7:19:9f:14:ba:f3:ee:58:ab:6a:bb
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\052\070\244\034\226\012\004\336\102\262\050\245\013\350
\064\230\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\341\060\202\001\207\240\003\002\001\002\002\021\052
\070\244\034\226\012\004\336\102\262\050\245\013\350\064\230\002
\060\012\006\010\052\206\110\316\075\004\003\002\060\120\061\044
\060\042\006\003\125\004\013\023\033\107\154\157\142\141\154\123
\151\147\156\040\105\103\103\040\122\157\157\164\040\103\101\040
\055\040\122\064\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156\060\036
\027\015\061\062\061\061\061\063\060\060\060\060\060\060\132\027
\015\063\070\060\061\061\071\060\063\061\064\060\067\132\060\120
\061\044\060\042\006\003\125\004\013\023\033\107\154\157\142\141
\154\123\151\147\156\040\105\103\103\040\122\157\157\164\040\103
\101\040\055\040\122\064\061\023\060\021\006\003\125\004\012\023
\012\107\154\157\142\141\154\123\151\147\156\061\023\060\021\006
\003\125\004\003\023\012\107\154\157\142\141\154\123\151\147\156
\060\131\060\023\006\007\052\206\110\316\075\002\001\006\010\052
\206\110\316\075\003\001\007\003\102\000\004\270\306\171\323\217
\154\045\016\237\056\071\031\034\003\244\256\232\345\071\007\011
\026\312\143\261\271\206\370\212\127\301\127\316\102\372\163\241
\367\145\102\377\036\301\000\262\156\163\016\377\307\041\345\030
\244\252\331\161\077\250\324\271\316\214\035\243\102\060\100\060
```

```
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\124\260\173\255\105
\270\342\100\177\373\012\156\373\276\063\311\074\243\204\325\060
\012\006\010\052\206\110\316\075\004\003\002\003\110\000\060\105
\002\041\000\334\222\241\240\023\246\317\003\260\346\304\041\227
\220\372\024\127\055\003\354\356\074\323\156\312\250\154\166\274
\242\336\273\002\040\047\250\205\047\065\233\126\306\243\362\107
\322\267\156\033\002\000\027\252\147\246\025\221\336\372\224\354
\173\013\370\237\204
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "GlobalSign"

Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4

Serial Number:2a:38:a4:1c:96:0a:04:de:42:b2:28:a5:0b:e8:34:98:02

Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4

Not Valid Before: Tue Nov 13 00:00:00 2012

Not Valid After: Tue Jan 19 03:14:07 2038

Fingerprint (MD5): 20:f0:27:68:d1:7e:a0:9d:0e:e6:2a:ca:df:5c:89:8e

Fingerprint (SHA1): 69:69:56:2e:40:80:f4:24:a1:e7:19:9f:14:ba:f3:ee:58:ab:6a:bb

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\151\151\126\056\100\200\364\044\241\347\031\237\024\272\363\356
\130\253\152\273
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\040\360\047\150\321\176\240\235\016\346\052\312\337\134\211\216
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\021\052\070\244\034\226\012\004\336\102\262\050\245\013\350
\064\230\002
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "Symantec Class 3 Public Primary Certification Authority - G6"
Issuer: CN=Symantec Class 3 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
Serial Number:65:63:71:85:d3:6f:45:c6:8f:7f:31:f9:09:87:92:82
Subject: CN=Symantec Class 3 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
Not Valid Before: Thu Oct 18 00:00:00 2012
Not Valid After: Tue Dec 01 23:59:59 2037
Fingerprint (MD5): 8d:d1:96:24:c4:4c:8f:5d:26:f4:6c:8d:52:41:1a:c6
Fingerprint (SHA1): 26:a1:6c:23:5a:24:72:22:9b:23:62:80:25:bc:80:97:c8:85:24:a1

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 3 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\063\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\063\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\145\143\161\205\323\157\105\306\217\177\061\371\011\207
\222\202

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\366\060\202\003\336\240\003\002\001\002\002\020\145
\143\161\205\323\157\105\306\217\177\061\371\011\207\222\202\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143
\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105
\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145
\143\040\103\154\141\163\163\040\063\040\120\165\142\154\151\143
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\055\040\107\066\060\036\027\015\061\062\061\060\061\070\060
\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074
\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\063
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\267\016\262
\372\115\274\232\162\025\373\167\133\333\375\103\017\313\013\367
\140\056\263\053\176\014\273\123\362\314\116\145\363\031\273\377
\065\035\367\323\251\273\100\055\265\335\170\324\246\371\067\352
\205\005\173\155\267\346\023\113\006\174\373\166\143\217\040\035
\055\070\053\004\205\362\350\260\321\137\115\112\041\311\152\330
\224\352\036\002\120\246\252\220\007\240\107\041\352\146\371\004
\240\346\203\360\304\365\136\226\342\047\115\141\303\263\301\214
\042\266\146\241\000\321\126\051\373\355\301\177\044\312\075\372
\132\224\260\204\303\307\272\103\034\375\144\016\361\050\373\107
\131\362\046\341\061\271\104\371\253\335\373\276\276\054\067\343
\254\013\030\323\374\001\242\361\244\012\065\202\107\114\253\275
\212\136\337\023\205\374\040\314\110\131\257\257\101\157\313\043
\315\312\223\247\335\325\137\310\144\073\377\001\003\240\012\117
\055\156\075\204\276\257\310\062\262\123\051\220\025\367\260\005
\232\012\074\366\271\006\220\311\245\341\135\240\073\260\376\250
\266\277\365\211\050\127\044\072\041\206\161\344\334\212\213\101
\125\354\036\060\044\131\321\300\131\270\170\257\252\132\164\336
\045\200\060\230\355\060\104\157\041\160\034\333\022\123\016\326

\246\050\146\223\054\037\314\117\074\033\201\305\271\366\170\157
\320\062\072\010\162\333\153\016\106\027\205\224\363\274\357\274
\367\244\136\216\351\351\265\144\345\267\113\105\022\054\114\067
\267\140\103\012\115\161\006\000\224\046\065\164\037\273\172\071
\134\116\073\346\270\003\342\307\223\213\204\054\045\111\105\335
\177\043\224\140\037\313\351\315\366\253\227\367\141\347\373\177
\142\201\310\334\012\060\134\030\174\346\316\357\307\156\036\207
\174\263\351\312\310\173\152\364\150\374\203\245\014\126\264\272
\262\215\112\012\307\227\227\305\210\060\025\075\020\010\124\025
\162\162\147\063\063\364\174\267\316\000\047\123\145\316\044\361
\132\144\347\066\057\362\056\002\302\227\337\162\350\002\036\240
\367\075\265\373\150\140\003\372\063\251\346\022\155\006\341\251
\250\135\116\074\376\331\347\000\145\254\266\031\115\173\203\177
\064\107\352\341\030\155\261\213\034\171\253\347\235\002\003\001
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\071\161\010\000\076\336\310\206\347\220\377\344\375\041
\017\316\044\031\026\366\060\015\006\011\052\206\110\206\367\015
\001\001\014\005\000\003\202\002\001\000\120\153\210\115\140\110
\316\132\343\042\316\147\174\204\247\315\034\375\351\014\003\214
\066\257\012\207\016\152\256\127\256\001\320\066\273\362\375\271
\163\301\137\265\250\256\114\242\372\111\313\007\106\026\066\275
\343\310\127\070\176\070\344\277\045\063\140\306\334\067\234\143
\273\136\230\036\032\262\202\360\256\246\167\021\200\104\107\241
\051\305\360\263\072\316\230\360\270\354\323\016\200\006\167\043
\060\114\377\171\144\143\042\133\167\223\103\113\165\263\333\073
\156\073\112\335\361\310\256\265\067\212\225\210\072\020\150\160
\070\271\133\160\176\325\103\311\374\137\117\345\346\173\066\356
\360\040\355\107\127\023\046\020\136\024\006\015\173\166\007\302
\306\055\026\364\256\247\154\017\274\210\017\117\054\002\266\243
\327\042\346\231\107\065\330\215\245\117\201\022\072\021\175\263
\314\013\165\363\036\160\243\033\003\352\372\232\350\346\056\066
\071\314\231\316\072\077\014\267\256\370\103\231\260\223\156\157
\252\331\017\152\061\221\273\234\323\264\050\373\203\114\172\163
\202\120\147\322\016\254\355\140\305\262\135\065\230\317\207\176
\036\131\035\044\274\126\272\332\244\132\330\314\346\274\036\020
\217\033\214\216\363\301\333\267\276\324\260\133\145\217\026\150
\363\126\305\052\031\026\115\017\270\145\207\155\044\203\270\142
\334\340\107\141\032\210\173\316\116\177\375\334\306\015\132\232
\244\363\265\114\366\335\061\246\350\035\021\041\063\060\004\141
\175\034\340\076\117\215\077\265\213\022\000\132\175\251\241\000
\324\203\353\160\273\030\370\244\322\034\201\055\267\010\021\310
\046\173\266\324\345\017\003\106\162\324\045\100\036\276\111\135
\155\223\361\134\262\073\165\124\151\072\240\356\114\042\272\254
\232\342\010\255\105\143\005\112\122\065\166\304\064\365\136\007
\062\255\334\174\046\321\133\217\255\344\346\252\033\165\237\353
\135\264\350\300\251\025\174\116\112\007\162\337\106\311\324\221


```
\222\165\126\260\341\356\067\066\145\050\305\025\310\053\166\314
\155\157\031\203\364\375\332\025\342\101\347\063\171\106\203\127
\371\361\245\266\155\323\274\327\123\347\356\161\155\170\251\227
\247\356\040\234\031\025\162\025\075\004
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Symantec Class 3 Public Primary Certification Authority - G6"

Issuer: CN=Symantec Class 3 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US

Serial Number:65:63:71:85:d3:6f:45:c6:8f:7f:31:f9:09:87:92:82

Subject: CN=Symantec Class 3 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US

Not Valid Before: Thu Oct 18 00:00:00 2012

Not Valid After: Tue Dec 01 23:59:59 2037

Fingerprint (MD5): 8d:d1:96:24:c4:4c:8f:5d:26:f4:6c:8d:52:41:1a:c6

Fingerprint (SHA1): 26:a1:6c:23:5a:24:72:22:9b:23:62:80:25:bc:80:97:c8:85:24:a1

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Symantec Class 3 Public Primary Certification Authority - G6"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\046\241\154\043\132\044\162\042\233\043\142\200\045\274\200\227
\310\205\044\241
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\215\321\226\044\304\114\217\135\046\364\154\215\122\101\032\306
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\063\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\145\143\161\205\323\157\105\306\217\177\061\371\011\207
\222\202
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "Symantec Class 3 Public Primary Certification Authority - G4"
Issuer: CN=Symantec Class 3 Public Primary Certification Authority - G4,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
Serial Number:4c:79:b5:9a:28:9c:76:31:64:f5:89:44:d0:91:02:de
Subject: CN=Symantec Class 3 Public Primary Certification Authority - G4,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
Not Valid Before: Thu Oct 18 00:00:00 2012
Not Valid After: Tue Dec 01 23:59:59 2037
Fingerprint (MD5): 36:c9:b7:4b:6c:b0:21:4c:c7:11:17:b1:18:fe:2b:4d
Fingerprint (SHA1): 58:d5:2d:b9:33:01:a4:fd:29:1a:8c:96:45:a0:8f:ee:7f:52:92:82

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 3 Public Primary Certification Authority - G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\063\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\064

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\063\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\114\171\265\232\050\234\166\061\144\365\211\104\320\221
\002\336
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\247\060\202\002\055\240\003\002\001\002\002\020\114
\171\265\232\050\234\166\061\144\365\211\104\320\221\002\336\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\224\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\035\060\033\006
\003\125\004\012\023\024\123\171\155\141\156\164\145\143\040\103
\157\162\160\157\162\141\164\151\157\156\061\037\060\035\006\003
\125\004\013\023\026\123\171\155\141\156\164\145\143\040\124\162
\165\163\164\040\116\145\164\167\157\162\153\061\105\060\103\006
\003\125\004\003\023\074\123\171\155\141\156\164\145\143\040\103
\154\141\163\163\040\063\040\120\165\142\154\151\143\040\120\162
\151\155\141\162\171\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\064\060\036\027\015\061\062\061\060\061\070\060\060\060\060
\060\060\132\027\015\063\067\061\062\060\061\062\063\065\071\065
\071\132\060\201\224\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\035\060\033\006\003\125\004\012\023\024\123\171\155
\141\156\164\145\143\040\103\157\162\160\157\162\141\164\151\157
\156\061\037\060\035\006\003\125\004\013\023\026\123\171\155\141
\156\164\145\143\040\124\162\165\163\164\040\116\145\164\167\157
\162\153\061\105\060\103\006\003\125\004\003\023\074\123\171\155
\141\156\164\145\143\040\103\154\141\163\163\040\063\040\120\165
\142\154\151\143\040\120\162\151\155\141\162\171\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\040\055\040\107\064\060\166\060\020\006\007\052
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\127\317\352\263\071\115\077\241\041\340\156\057\070\162\306
\207\227\363\205\013\107\347\017\121\310\321\364\231\233\312\131
\145\377\114\371\352\013\267\045\325\322\366\354\061\055\062\142
\022\327\166\206\247\372\070\311\145\324\376\163\342\204\071\370
\114\111\142\023\335\272\325\210\240\137\075\310\117\260\077\217
\241\120\021\344\223\106\255\303\137\313\361\244\152\225\126\350
\300\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\044\235\274\322\161\367\035\302\045\276\042\361\211\245\054
\025\073\064\036\136\060\012\006\010\052\206\110\316\075\004\003
\003\003\150\000\060\145\002\061\000\271\146\150\145\333\005\320
\070\175\016\363\310\165\141\270\320\050\304\261\112\063\121\130
\373\362\074\020\310\256\107\170\166\312\146\044\027\206\076\120
\126\156\245\055\231\210\270\275\044\002\060\003\352\247\347\250
\074\352\235\142\306\137\124\332\230\364\167\275\117\217\030\234
\221\134\107\153\100\115\020\035\263\341\211\312\013\042\310\032
\305\305\376\213\335\301\337\157\170\237\221
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Symantec Class 3 Public Primary Certification Authority - G4"

Issuer: CN=Symantec Class 3 Public Primary Certification Authority - G4,OU=Symantec Trust
Network,O=Symantec Corporation,C=US

Serial Number:4c:79:b5:9a:28:9c:76:31:64:f5:89:44:d0:91:02:de

Subject: CN=Symantec Class 3 Public Primary Certification Authority - G4,OU=Symantec Trust
Network,O=Symantec Corporation,C=US

Not Valid Before: Thu Oct 18 00:00:00 2012

Not Valid After: Tue Dec 01 23:59:59 2037

Fingerprint (MD5): 36:c9:b7:4b:6c:b0:21:4c:c7:11:17:b1:18:fe:2b:4d

Fingerprint (SHA1): 58:d5:2d:b9:33:01:a4:fd:29:1a:8c:96:45:a0:8f:ee:7f:52:92:82

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Symantec Class 3 Public Primary Certification Authority - G4"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\130\325\055\271\063\001\244\375\051\032\214\226\105\240\217\356
\177\122\222\202

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\066\311\267\113\154\260\041\114\307\021\027\261\030\376\053\115

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\063\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\114\171\265\232\050\234\166\061\144\365\211\104\320\221
\002\336

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Certificate "Halcom Root CA"
# Issuer: CN=Halcom Root CA,O=Halcom,C=SI
# Serial Number: 504275 (0x7b1d3)
# Subject: CN=Halcom Root CA,O=Halcom,C=SI
# Not Valid Before: Wed Feb 08 09:55:41 2012
# Not Valid After: Sun Feb 08 09:55:41 2032
# Fingerprint (MD5): c3:8b:d2:53:ac:00:ec:d1:db:97:61:a5:38:d9:7d:87
# Fingerprint (SHA1): 53:5b:00:16:72:ab:bf:7b:6c:c2:54:05:ae:4d:24:fe:03:3f:d1:cc
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Halcom Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\067\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157\155
\061\027\060\025\006\003\125\004\003\023\016\110\141\154\143\157
\155\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\067\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157\155
\061\027\060\025\006\003\125\004\003\023\016\110\141\154\143\157
\155\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\007\261\323
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\036\060\202\002\006\240\003\002\001\002\002\003\007
\261\323\060\015\006\011\052\206\110\206\367\015\001\001\015\005
\000\060\067\061\013\060\011\006\003\125\004\006\023\002\123\111
\061\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157
\155\061\027\060\025\006\003\125\004\003\023\016\110\141\154\143
\157\155\040\122\157\157\164\040\103\101\060\036\027\015\061\062
\060\062\060\070\060\071\065\065\064\061\132\027\015\063\062\060
\062\060\070\060\071\065\065\064\061\132\060\067\061\013\060\011
\006\003\125\004\006\023\002\123\111\061\017\060\015\006\003\125
\004\012\023\006\110\141\154\143\157\155\061\027\060\025\006\003
\125\004\003\023\016\110\141\154\143\157\155\040\122\157\157\164
\040\103\101\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\211\271\205\312\376\364\165\175\177\354\235\102
\067\272\272\215\274\354\075\027\003\375\331\105\145\326\315\311
\116\137\214\110\134\227\010\127\024\213\055\234\074\220\111\231
```

\317\151\257\111\215\333\034\001\260\156\351\364\352\221\147\135
\312\263\151\117\330\314\301\015\075\356\252\003\166\340\311\160
\242\237\376\353\233\320\266\311\226\323\360\373\133\320\360\007
\253\114\136\115\244\342\107\136\005\150\164\246\216\042\107\356
\176\323\147\204\124\067\222\107\016\363\243\354\025\032\363\155
\173\277\031\065\041\217\202\113\254\124\234\011\315\156\266\301
\127\275\320\111\075\157\237\163\216\261\154\176\275\376\326\273
\075\003\350\346\114\032\264\356\257\264\203\116\062\220\124\366
\116\033\341\057\316\245\064\032\216\243\040\371\331\076\042\153
\157\156\343\372\331\063\134\010\240\367\025\000\075\234\020\222
\112\125\315\200\262\006\252\375\327\217\267\132\222\047\044\017
\063\074\050\272\361\037\150\265\167\051\136\256\302\332\215\066
\160\342\172\062\033\043\246\336\305\141\015\232\245\022\040\265
\363\226\131\265\002\003\001\000\001\243\063\060\061\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\021
\006\003\125\035\016\004\012\004\010\116\224\330\212\143\302\317
\171\060\013\006\003\125\035\017\004\004\003\002\001\006\060\015
\006\011\052\206\110\206\367\015\001\001\015\005\000\003\202\001
\001\000\051\276\347\261\344\372\003\242\017\257\166\131\235\370
\116\123\115\074\004\203\237\241\342\214\366\224\331\264\256\150
\052\126\153\062\123\050\203\007\162\114\260\116\250\035\201\203
\041\147\003\067\321\214\306\301\116\204\351\064\073\323\365\365
\047\266\215\043\005\122\270\114\062\362\056\332\321\052\175\076
\203\003\052\322\261\343\232\351\212\203\102\360\054\012\241\123
\017\300\053\342\217\032\116\225\271\105\274\113\147\072\275\062
\363\255\245\217\217\303\056\352\366\364\173\142\320\156\156\305
\141\061\023\146\346\147\111\231\073\057\200\117\172\174\163\212
\003\015\137\365\263\062\050\012\212\300\341\371\270\243\046\356
\334\033\127\317\166\032\117\123\276\366\112\213\127\027\053\057
\231\206\252\336\214\332\266\250\154\337\150\066\326\141\213\156
\300\163\116\267\071\105\364\175\316\111\304\363\035\371\251\167
\154\357\357\222\025\023\047\231\106\350\237\251\212\033\237\051
\057\242\035\076\326\053\307\344\125\020\072\030\367\263\173\117
\056\307\000\042\355\344\061\320\347\270\344\124\117\301\200\105
\045\156

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Halcom Root CA"
Issuer: CN=Halcom Root CA,O=Halcom,C=SI
Serial Number: 504275 (0x7b1d3)
Subject: CN=Halcom Root CA,O=Halcom,C=SI
Not Valid Before: Wed Feb 08 09:55:41 2012
Not Valid After: Sun Feb 08 09:55:41 2032
Fingerprint (MD5): c3:8b:d2:53:ac:00:ec:d1:db:97:61:a5:38:d9:7d:87

```

# Fingerprint (SHA1): 53:5b:00:16:72:ab:bf:7b:6c:c2:54:05:ae:4d:24:fe:03:3f:d1:cc
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Halcom Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\123\133\000\026\162\253\277\173\154\302\124\005\256\115\044\376
\003\077\321\314
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\303\213\322\123\254\000\354\321\333\227\141\245\070\331\175\207
END
CKA_ISSUER MULTILINE_OCTAL
\060\067\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157\155
\061\027\060\025\006\003\125\004\003\023\016\110\141\154\143\157
\155\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\007\261\323
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Swisscom Root EV CA 2"
# Issuer: CN=Swisscom Root EV CA 2,OU=Digital Certificate Services,O=Swisscom,C=ch
# Serial Number:f2:fa:64:e2:74:63:d3:8d:fd:10:1d:04:1f:76:ca:58
# Subject: CN=Swisscom Root EV CA 2,OU=Digital Certificate Services,O=Swisscom,C=ch
# Not Valid Before: Fri Jun 24 09:45:08 2011
# Not Valid After: Wed Jun 25 08:45:08 2031
# Fingerprint (MD5): 7b:30:34:9f:dd:0a:4b:6b:35:ca:31:51:28:5d:ae:ec
# Fingerprint (SHA1): e7:a1:90:29:d3:d5:52:dc:0d:0f:c6:92:d3:ea:88:0d:15:2e:1a:6b
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Swisscom Root EV CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\021\060\017\006\003\125\004\012\023\010\123\167\151\163\163\143
\157\155\061\045\060\043\006\003\125\004\013\023\034\104\151\147
\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164\145
\040\123\145\162\166\151\143\145\163\061\036\060\034\006\003\125

```

\004\003\023\025\123\167\151\163\163\143\157\155\040\122\157\157
\164\040\105\126\040\103\101\040\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\147\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\021\060\017\006\003\125\004\012\023\010\123\167\151\163\163\143
\157\155\061\045\060\043\006\003\125\004\013\023\034\104\151\147
\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164\145
\040\123\145\162\166\151\143\145\163\061\036\060\034\006\003\125
\004\003\023\025\123\167\151\163\163\143\157\155\040\122\157\157
\164\040\105\126\040\103\101\040\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\021\000\362\372\144\342\164\143\323\215\375\020\035\004\037
\166\312\130

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\340\060\202\003\310\240\003\002\001\002\002\021\000
\362\372\144\342\164\143\323\215\375\020\035\004\037\166\312\130
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\147\061\013\060\011\006\003\125\004\006\023\002\143\150\061\021
\060\017\006\003\125\004\012\023\010\123\167\151\163\163\143\157
\155\061\045\060\043\006\003\125\004\013\023\034\104\151\147\151
\164\141\154\040\103\145\162\164\151\146\151\143\141\164\145\040
\123\145\162\166\151\143\145\163\061\036\060\034\006\003\125\004
\003\023\025\123\167\151\163\163\143\157\155\040\122\157\157\164
\040\105\126\040\103\101\040\062\060\036\027\015\061\061\060\066
\062\064\060\071\064\065\060\070\132\027\015\063\061\060\066\062
\065\060\070\064\065\060\070\132\060\147\061\013\060\011\006\003
\125\004\006\023\002\143\150\061\021\060\017\006\003\125\004\012
\023\010\123\167\151\163\163\143\157\155\061\045\060\043\006\003
\125\004\013\023\034\104\151\147\151\164\141\154\040\103\145\162
\164\151\146\151\143\141\164\145\040\123\145\162\166\151\143\145
\163\061\036\060\034\006\003\125\004\003\023\025\123\167\151\163
\163\143\157\155\040\122\157\157\164\040\105\126\040\103\101\040
\062\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\304\367\035\057\127\352\127\154\367\160\135\143\260\161
\122\011\140\104\050\063\243\172\116\012\372\330\352\154\213\121
\026\032\125\256\124\046\304\314\105\007\101\117\020\171\177\161
\322\172\116\077\070\116\263\000\306\225\312\133\315\301\052\203
\327\047\037\061\016\043\026\267\045\313\034\264\271\200\062\136
\032\235\223\361\350\074\140\054\247\136\127\031\130\121\136\274
\054\126\013\270\330\357\213\202\264\074\270\302\044\250\023\307
\240\041\066\033\172\127\051\050\247\056\277\161\045\220\363\104
\203\151\120\244\344\341\033\142\031\224\011\243\363\303\274\357
\364\275\354\333\023\235\317\235\110\011\122\147\300\067\051\021

\036\373\322\021\247\205\030\164\171\344\117\205\024\353\122\067
\342\261\105\330\314\015\103\177\256\023\322\153\053\077\247\302
\342\250\155\166\133\103\237\276\264\235\263\046\206\073\037\177
\345\362\350\146\050\026\045\320\113\227\070\247\344\317\011\321
\066\303\013\276\332\073\104\130\215\276\361\236\011\153\076\363
\062\307\053\207\306\354\136\234\366\207\145\255\063\051\304\057
\211\331\271\313\311\003\235\373\154\224\121\227\020\033\206\013
\032\033\077\366\002\176\173\324\305\121\144\050\235\365\323\254
\203\201\210\323\164\264\131\235\301\353\141\063\132\105\321\313
\071\320\006\152\123\140\035\257\366\373\151\274\152\334\001\317
\275\371\217\331\275\133\301\072\137\216\332\017\113\251\233\235
\052\050\153\032\012\174\074\253\042\013\345\167\055\161\366\202
\065\201\256\370\173\201\346\352\376\254\364\032\233\164\134\350
\217\044\366\135\235\106\304\054\322\036\053\041\152\203\047\147
\125\112\244\343\310\062\227\146\220\162\332\343\324\144\056\137
\343\241\152\366\140\324\347\065\315\312\304\150\215\327\161\310
\323\044\063\163\261\154\371\152\341\050\333\137\306\075\350\276
\125\346\067\033\355\044\331\017\031\217\137\143\030\130\120\201
\121\145\157\362\237\176\152\004\347\064\044\161\272\166\113\130
\036\031\275\025\140\105\252\014\022\100\001\235\020\342\307\070
\007\162\012\145\300\266\273\045\051\332\026\236\213\065\213\141
\355\345\161\127\203\265\074\161\237\343\117\277\176\036\201\237
\101\227\002\003\001\000\001\243\201\206\060\201\203\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\206\060\035\006
\003\125\035\041\004\026\060\024\060\022\006\007\140\205\164\001
\123\002\002\006\007\140\205\164\001\123\002\002\060\022\006\003
\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001\003
\060\035\006\003\125\035\016\004\026\004\024\105\331\245\201\156
\075\210\115\215\161\322\106\301\156\105\036\363\304\200\235\060
\037\006\003\125\035\043\004\030\060\026\200\024\105\331\245\201
\156\075\210\115\215\161\322\106\301\156\105\036\363\304\200\235
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\002\001\000\224\072\163\006\237\122\113\060\134\324\376\261
\134\045\371\327\216\157\365\207\144\237\355\024\216\270\004\216
\050\113\217\252\173\216\071\264\331\130\366\173\241\065\012\241
\235\212\367\143\345\353\275\071\202\324\343\172\055\157\337\023
\074\272\376\176\126\230\013\363\124\237\315\104\116\156\074\341
\076\025\277\006\046\235\344\360\220\266\324\302\236\060\056\037
\357\307\172\304\120\307\352\173\332\120\313\172\046\313\000\264
\132\253\265\223\037\200\211\204\004\225\215\215\177\011\223\277
\324\250\250\344\143\155\331\144\344\270\051\132\010\277\120\341
\204\017\125\173\137\010\042\033\365\275\231\036\024\366\316\364
\130\020\202\263\012\075\031\301\277\133\253\252\231\330\362\061
\275\345\070\146\334\130\005\307\355\143\032\056\012\227\174\207
\223\053\262\212\343\361\354\030\345\165\266\051\207\347\334\213
\032\176\264\330\311\323\212\027\154\175\051\104\276\212\252\365
\176\072\056\150\061\223\271\152\332\232\340\333\351\056\245\204
\315\034\012\270\112\010\371\234\361\141\046\230\223\267\173\146

```
\354\221\136\335\121\077\333\163\017\255\004\130\011\335\004\002
\225\012\076\323\166\337\246\020\036\200\075\350\315\244\144\321
\063\307\222\307\342\116\104\343\011\311\116\302\135\207\016\022
\236\277\017\311\005\020\336\172\243\261\074\362\077\245\252\047
\171\255\061\175\037\375\374\031\151\305\335\271\077\174\315\306
\264\302\060\036\176\156\222\327\177\141\166\132\217\353\225\115
\274\021\156\041\174\131\067\231\320\006\274\371\006\155\062\026
\245\331\151\250\341\334\074\200\036\140\121\334\327\124\041\036
\312\142\167\117\372\330\217\263\053\072\015\170\162\311\150\101
\132\107\112\302\243\353\032\327\012\253\074\062\125\310\012\021
\234\337\164\326\360\100\025\035\310\271\217\265\066\305\257\370
\042\270\312\035\363\326\266\031\017\237\141\145\152\352\164\310
\174\217\303\117\135\145\202\037\331\015\211\332\165\162\373\357
\361\107\147\023\263\310\321\031\210\047\046\232\231\171\177\036
\344\054\077\173\356\361\336\115\213\226\227\303\325\077\174\033
\043\355\244\263\035\026\162\103\113\040\341\131\176\302\350\255
\046\277\242\367
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Swisscom Root EV CA 2"
# Issuer: CN=Swisscom Root EV CA 2,OU=Digital Certificate Services,O=Swisscom,C=ch
# Serial Number:f2:fa:64:e2:74:63:d3:8d:fd:10:1d:04:1f:76:ca:58
# Subject: CN=Swisscom Root EV CA 2,OU=Digital Certificate Services,O=Swisscom,C=ch
# Not Valid Before: Fri Jun 24 09:45:08 2011
# Not Valid After: Wed Jun 25 08:45:08 2031
# Fingerprint (MD5): 7b:30:34:9f:dd:0a:4b:6b:35:ca:31:51:28:5d:ae:ec
# Fingerprint (SHA1): e7:a1:90:29:d3:d5:52:dc:0d:0f:c6:92:d3:ea:88:0d:15:2e:1a:6b
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Swisscom Root EV CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\347\241\220\051\323\325\122\334\015\017\306\222\323\352\210\015
\025\056\032\153
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\173\060\064\237\335\012\113\153\065\312\061\121\050\135\256\354
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\021\060\017\006\003\125\004\012\023\010\123\167\151\163\163\143
\157\155\061\045\060\043\006\003\125\004\013\023\034\104\151\147
\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164\145
```

```
\040\123\145\162\166\151\143\145\163\061\036\060\034\006\003\125
\004\003\023\025\123\167\151\163\163\143\157\155\040\122\157\157
\164\040\105\126\040\103\101\040\062
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\021\000\362\372\144\342\164\143\323\215\375\020\035\004\037
\166\312\130
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Certificate "CFCA GT CA"

Issuer: O=CFCA GT CA,C=CN

Serial Number:19:99:3c:3f

Subject: O=CFCA GT CA,C=CN

Not Valid Before: Mon Jun 13 08:15:09 2011

Not Valid After: Tue Jun 09 08:15:09 2026

Fingerprint (MD5): 2c:cd:f3:c5:59:a6:84:64:a0:67:50:ff:4b:4c:d6:14

Fingerprint (SHA1): ea:bd:a2:40:44:0a:bb:d6:94:93:0a:01:d0:97:64:c6:c2:d7:79:66

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "CFCA GT CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\042\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\023\060\021\006\003\125\004\012\023\012\103\106\103\101\040\107
\124\040\103\101
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\042\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\023\060\021\006\003\125\004\012\023\012\103\106\103\101\040\107
\124\040\103\101
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\004\031\231\074\077
```

END

CKA_VALUE MULTILINE_OCTAL

```
\060\202\003\037\060\202\002\007\240\003\002\001\002\002\004\031
\231\074\077\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\042\061\013\060\011\006\003\125\004\006\023\002\103
\116\061\023\060\021\006\003\125\004\012\023\012\103\106\103\101
\040\107\124\040\103\101\060\036\027\015\061\061\060\066\061\063
```

\060\070\061\065\060\071\132\027\015\062\066\060\066\060\071\060
\070\061\065\060\071\132\060\042\061\013\060\011\006\003\125\004
\006\023\002\103\116\061\023\060\021\006\003\125\004\012\023\012
\103\106\103\101\040\107\124\040\103\101\060\202\001\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001
\017\000\060\202\001\012\002\202\001\001\000\277\163\306\132\053
\214\170\366\130\267\374\322\027\220\245\053\164\354\201\054\223
\315\122\314\156\344\052\313\044\241\061\344\255\060\156\343\230
\042\061\327\041\233\237\325\017\067\057\132\273\070\242\267\171
\046\147\326\015\305\027\052\234\271\124\004\341\015\165\206\156
\330\314\305\200\147\033\310\214\055\000\046\206\074\172\171\076
\266\251\302\116\040\260\067\227\306\205\166\022\202\012\347\124
\273\213\376\075\256\343\354\153\130\103\366\245\067\353\130\242
\275\220\304\345\373\312\153\312\060\154\267\173\211\366\061\322
\214\377\117\302\226\045\103\251\161\065\045\013\030\341\254\310
\243\044\266\161\223\214\361\135\374\234\020\005\173\377\300\133
\340\261\227\255\037\330\376\105\365\300\037\235\133\107\071\034
\006\372\333\146\205\333\044\043\352\173\322\071\040\370\353\052
\262\032\121\363\224\132\050\002\116\247\134\107\156\317\374\331
\350\346\141\132\026\047\307\025\015\230\331\350\323\003\065\220
\051\337\262\057\215\020\167\043\310\270\172\323\021\141\152\363
\377\201\222\245\354\102\113\150\116\200\327\002\003\001\000\001
\243\135\060\133\060\037\006\003\125\035\043\004\030\060\026\200
\024\214\166\120\316\045\323\171\053\074\364\155\235\232\341\236
\005\117\350\075\045\060\014\006\003\125\035\023\004\005\060\003
\001\001\377\060\013\006\003\125\035\017\004\004\003\002\001\306
\060\035\006\003\125\035\016\004\026\004\024\214\166\120\316\045
\323\171\053\074\364\155\235\232\341\236\005\117\350\075\045\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202
\001\001\000\276\273\226\130\324\335\211\211\017\054\315\372\143
\105\166\015\071\200\232\215\372\250\105\141\075\041\125\350\316
\150\307\031\351\302\261\007\302\213\073\057\317\141\205\220\247
\122\027\062\072\257\012\005\025\310\306\316\335\216\224\046\006
\370\320\140\356\263\156\324\015\272\132\335\253\240\174\120\162
\246\325\220\223\126\327\131\071\333\350\177\263\225\170\123\201
\122\122\137\364\222\201\002\301\373\042\271\321\003\127\247\176
\313\373\300\106\274\023\164\114\050\053\166\222\151\037\301\120
\221\021\305\114\336\013\224\214\027\203\214\257\067\207\264\352
\153\157\242\132\065\101\141\205\057\234\027\300\373\271\016\242
\141\006\107\166\274\220\011\230\164\015\322\010\057\275\344\015
\162\361\246\137\303\174\300\175\352\274\323\253\040\221\313\134
\005\214\235\250\065\372\066\126\273\011\363\204\135\326\361\342
\054\236\331\176\361\202\240\341\267\057\176\355\371\173\240\000
\270\262\336\035\171\341\201\363\122\131\232\024\135\347\302\021
\363\232\303\072\170\043\276\116\146\336\244\071\151\362\230\072
\054\012\000

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "CFCA GT CA"

Issuer: O=CFCA GT CA,C=CN

Serial Number:19:99:3c:3f

Subject: O=CFCA GT CA,C=CN

Not Valid Before: Mon Jun 13 08:15:09 2011

Not Valid After: Tue Jun 09 08:15:09 2026

Fingerprint (MD5): 2c:cd:f3:c5:59:a6:84:64:a0:67:50:ff:4b:4c:d6:14

Fingerprint (SHA1): ea:bd:a2:40:44:0a:bb:d6:94:93:0a:01:d0:97:64:c6:c2:d7:79:66

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "CFCA GT CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\352\275\242\100\104\012\273\326\224\223\012\001\320\227\144\306

\302\327\171\146

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\054\315\363\305\131\246\204\144\240\147\120\377\113\114\326\024

END

CKA_ISSUER MULTILINE_OCTAL

\060\042\061\013\060\011\006\003\125\004\006\023\002\103\116\061

\023\060\021\006\003\125\004\012\023\012\103\106\103\101\040\107

\124\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\031\231\074\077

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Digidentity L3 Root CA - G2"

Issuer: CN=Digidentity L3 Root CA - G2,O=Digidentity B.V.,C=NL

Serial Number: 1 (0x1)

Subject: CN=Digidentity L3 Root CA - G2,O=Digidentity B.V.,C=NL

Not Valid Before: Fri Apr 29 10:44:19 2011

Not Valid After: Mon Nov 10 10:44:19 2031

Fingerprint (MD5): 26:8f:5b:c8:b6:3f:88:8c:4c:49:08:2e:18:c1:02:10

Fingerprint (SHA1): f1:38:a3:30:a4:ea:98:6b:eb:52:0b:b1:10:35:87:6e:fb:9d:7f:1c

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Digidentity L3 Root CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\031\060\027\006\003\125\004\012\023\020\104\151\147\151\144\145
\156\164\151\164\171\040\102\056\126\056\061\044\060\042\006\003
\125\004\003\023\033\104\151\147\151\144\145\156\164\151\164\171
\040\114\063\040\122\157\157\164\040\103\101\040\055\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\031\060\027\006\003\125\004\012\023\020\104\151\147\151\144\145
\156\164\151\164\171\040\102\056\126\056\061\044\060\042\006\003
\125\004\003\023\033\104\151\147\151\144\145\156\164\151\164\171
\040\114\063\040\122\157\157\164\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\241\060\202\003\211\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\114\061\031
\060\027\006\003\125\004\012\023\020\104\151\147\151\144\145\156
\164\151\164\171\040\102\056\126\056\061\044\060\042\006\003\125
\004\003\023\033\104\151\147\151\144\145\156\164\151\164\171\040
\114\063\040\122\157\157\164\040\103\101\040\055\040\107\062\060
\036\027\015\061\061\060\064\062\071\061\060\064\064\061\071\132
\027\015\063\061\061\061\061\060\061\060\064\064\061\071\132\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\114\061\031
\060\027\006\003\125\004\012\023\020\104\151\147\151\144\145\156
\164\151\164\171\040\102\056\126\056\061\044\060\042\006\003\125
\004\003\023\033\104\151\147\151\144\145\156\164\151\164\171\040
\114\063\040\122\157\157\164\040\103\101\040\055\040\107\062\060
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000
\270\021\243\105\336\001\107\126\015\142\270\216\272\130\146\134
\372\062\306\153\200\156\270\177\370\123\337\176\337\142\250\301
\127\117\232\105\045\310\112\105\055\123\070\044\263\040\254\117
\352\255\377\232\020\257\177\342\016\312\264\016\044\045\221\316
\166\216\020\251\057\231\123\247\220\113\004\213\155\172\271\101
\033\323\001\171\214\237\101\153\271\220\327\201\022\032\007\226
\320\011\257\351\344\152\041\123\200\270\206\236\142\150\103\255
\263\152\025\372\366\155\003\062\152\065\261\120\023\110\307\172
\265\041\023\234\004\234\332\223\371\152\053\301\247\030\375\366
```

\300\176\131\366\373\347\016\021\265\334\043\352\034\357\147\005
\127\316\027\351\361\173\261\321\062\044\214\317\145\347\324\274
\066\031\160\174\242\047\041\326\200\322\055\025\117\112\265\340
\125\220\225\121\223\041\200\363\234\104\037\377\035\125\125\344
\342\020\021\224\026\123\320\376\257\363\357\227\272\106\342\167
\133\313\326\242\131\021\210\246\347\125\101\303\222\145\035\043
\024\142\024\177\045\162\040\366\244\207\051\157\007\374\376\340
\320\030\322\227\371\024\216\066\306\350\014\030\227\361\166\034
\364\044\332\343\112\371\267\114\022\031\147\363\360\341\123\373
\135\344\300\164\143\137\045\221\012\331\076\364\063\254\344\013
\165\137\316\346\230\274\124\015\235\242\061\305\025\124\135\042
\034\213\072\124\246\015\321\327\043\072\254\076\252\112\027\144
\166\055\015\373\124\345\353\202\074\071\101\103\235\341\256\171
\140\317\146\356\307\161\203\173\014\153\011\333\236\242\115\116
\106\223\150\267\372\147\341\332\277\337\221\200\332\243\242\211
\255\136\154\314\113\167\165\144\157\215\044\343\210\210\013\343
\077\351\277\247\345\126\142\015\203\177\275\152\141\310\220\211
\170\133\014\257\022\052\342\223\255\144\347\331\105\056\366\260
\310\253\105\356\160\070\157\273\065\076\026\376\253\236\303\146
\057\363\276\011\140\325\157\200\275\115\333\257\215\376\014\140
\063\153\017\350\235\153\304\060\167\237\054\120\070\320\230\151
\354\067\350\236\017\344\142\352\372\377\021\104\124\331\357\315
\223\165\221\114\341\211\145\246\224\271\123\371\371\111\143\305
\002\003\001\000\001\243\201\211\060\201\206\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003
\125\035\016\004\026\004\024\053\043\040\140\275\055\212\210\107
\254\255\053\276\002\071\272\230\324\354\230\060\104\006\003\125
\035\040\004\075\060\073\060\071\006\004\125\035\040\000\060\061
\060\057\006\010\053\006\001\005\005\007\002\001\026\043\150\164
\164\160\072\057\057\160\153\151\056\144\151\147\151\144\145\156
\164\151\164\171\056\145\165\057\166\141\154\151\144\141\164\151
\145\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\003\202\002\001\000\251\375\357\272\217\033\176\062\022\147\035
\101\015\055\246\213\317\362\364\255\126\170\176\012\230\330\233
\250\321\264\113\054\046\254\344\322\177\147\067\275\011\215\345
\271\163\021\072\156\011\307\127\144\007\041\064\370\016\135\052
\330\221\174\361\124\121\274\234\360\014\152\102\364\074\001\116
\223\105\101\075\254\363\230\113\036\161\036\063\131\062\377\174
\060\360\134\344\341\276\055\056\265\352\335\142\041\016\075\264
\015\225\374\311\270\331\272\240\367\142\247\355\303\003\256\010
\054\101\325\357\103\161\070\267\024\162\256\077\364\024\164\107
\330\336\214\121\171\316\357\261\124\254\160\107\226\176\055\056
\335\233\356\241\001\056\031\357\276\130\140\161\055\255\227\133
\132\140\060\313\062\202\142\116\126\345\147\152\264\322\061\124
\162\077\002\320\274\060\071\217\267\103\011\052\037\046\073\014
\307\174\035\233\200\140\204\016\351\056\322\371\025\273\133\340
\212\244\000\351\343\051\373\050\133\275\066\105\140\041\103\061

```
\377\160\241\137\134\203\133\227\174\015\267\123\131\354\230\265
\116\342\051\261\324\174\106\343\350\343\103\352\072\226\065\037
\123\361\004\026\045\343\054\363\150\241\246\221\337\025\373\275
\237\346\116\236\302\124\153\176\042\127\343\244\234\134\042\045
\037\201\257\231\310\337\021\025\110\103\370\263\063\251\043\177
\016\063\217\274\106\035\103\264\073\140\365\227\205\031\242\026
\260\125\334\032\160\051\145\332\331\176\011\027\064\353\211\272
\351\141\222\330\336\064\143\074\112\125\152\277\332\206\355\316
\063\336\273\123\157\317\034\332\224\117\166\124\254\145\125\020
\123\232\310\270\153\334\006\346\272\345\121\325\101\177\037\304
\300\101\241\140\221\064\363\023\202\321\241\167\323\367\114\344
\031\377\327\104\232\260\265\274\334\312\136\217\334\316\361\240
\151\066\340\104\222\056\231\372\274\257\263\307\170\072\125\146
\307\153\245\344\151\046\351\064\035\037\052\227\012\351\167\251
\167\133\163\110\062\201\277\377\321\354\203\305\160\203\151\236
\230\033\303\127\337\221\225\034\200\374\215\350\226\203\005\323
\237\172\210\173\372\350\127\361\301\204\050\275\315\326\034\314
\245\342\111\012\163
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Digidentity L3 Root CA - G2"
# Issuer: CN=Digidentity L3 Root CA - G2,O=Digidentity B.V.,C=NL
# Serial Number: 1 (0x1)
# Subject: CN=Digidentity L3 Root CA - G2,O=Digidentity B.V.,C=NL
# Not Valid Before: Fri Apr 29 10:44:19 2011
# Not Valid After: Mon Nov 10 10:44:19 2031
# Fingerprint (MD5): 26:8f:5b:c8:b6:3f:88:8c:4c:49:08:2e:18:c1:02:10
# Fingerprint (SHA1): f1:38:a3:30:a4:ea:98:6b:eb:52:0b:b1:10:35:87:6e:fb:9d:7f:1c
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Digidentity L3 Root CA - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\361\070\243\060\244\352\230\153\353\122\013\261\020\065\207\156
\373\235\177\034
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\046\217\133\310\266\077\210\214\114\111\010\056\030\301\002\020
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\031\060\027\006\003\125\004\012\023\020\104\151\147\151\144\145
\156\164\151\164\171\040\102\056\126\056\061\044\060\042\006\003
```



```
\125\004\003\023\033\104\151\147\151\144\145\156\164\151\164\171
\040\114\063\040\122\157\157\164\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "SITHS Root CA v1"
# Issuer: CN=SITHS Root CA v1,O=Inera AB,C=SE
# Serial Number:90:66:61:a8:62:3d:65:44:77:04:3f:71:9a:c3:97:0c
# Subject: CN=SITHS Root CA v1,O=Inera AB,C=SE
# Not Valid Before: Thu Mar 29 07:54:49 2012
# Not Valid After: Mon Mar 29 07:54:49 2032
# Fingerprint (MD5): 7f:7b:02:6c:68:9f:32:03:c7:af:04:9d:ec:23:df:f3
# Fingerprint (SHA1): 58:5f:78:75:be:e7:43:3e:b0:79:ea:ab:7d:05:bb:0f:7a:f2:bc:cc
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SITHS Root CA v1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\021\060\017\006\003\125\004\012\014\010\111\156\145\162\141\040
\101\102\061\031\060\027\006\003\125\004\003\014\020\123\111\124
\110\123\040\122\157\157\164\040\103\101\040\166\061
END
```

```
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\021\060\017\006\003\125\004\012\014\010\111\156\145\162\141\040
\101\102\061\031\060\027\006\003\125\004\003\014\020\123\111\124
\110\123\040\122\157\157\164\040\103\101\040\166\061
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\220\146\141\250\142\075\145\104\167\004\077\161\232
\303\227\014
END
```

```
CKA_VALUE MULTILINE_OCTAL
\060\202\005\223\060\202\003\173\240\003\002\001\002\002\021\000
\220\146\141\250\142\075\145\104\167\004\077\161\232\303\227\014
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\073\061\013\060\011\006\003\125\004\006\023\002\123\105\061\021
```

\060\017\006\003\125\004\012\014\010\111\156\145\162\141\040\101
\102\061\031\060\027\006\003\125\004\003\014\020\123\111\124\110
\123\040\122\157\157\164\040\103\101\040\166\061\060\036\027\015
\061\062\060\063\062\071\060\067\065\064\064\071\132\027\015\063
\062\060\063\062\071\060\067\065\064\064\071\132\060\073\061\013
\060\011\006\003\125\004\006\023\002\123\105\061\021\060\017\006
\003\125\004\012\014\010\111\156\145\162\141\040\101\102\061\031
\060\027\006\003\125\004\003\014\020\123\111\124\110\123\040\122
\157\157\164\040\103\101\040\166\061\060\202\002\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017
\000\060\202\002\012\002\202\002\001\000\300\355\346\236\250\254
\250\377\330\065\271\374\373\360\225\117\077\075\107\043\321\222
\311\311\370\360\342\037\206\255\210\077\340\000\317\117\021\225
\141\075\245\326\040\031\321\210\322\302\126\011\105\040\241\052
\352\042\303\352\272\314\102\151\236\270\205\237\160\300\154\247
\276\157\243\134\335\103\210\007\315\312\051\337\151\172\037\055
\237\126\152\033\142\040\041\141\306\120\113\145\165\111\106\277
\134\327\051\036\302\036\205\102\341\016\070\115\303\066\161\102
\104\121\072\321\130\314\311\264\252\154\100\307\203\361\307\011
\237\112\363\153\363\007\026\065\364\202\216\136\213\204\334\161
\171\271\373\156\127\105\267\305\160\072\377\102\002\321\064\277
\205\160\155\117\217\347\037\031\041\367\325\064\274\356\131\346
\056\042\363\161\202\142\031\237\005\144\174\073\042\161\030\245
\055\301\170\130\231\321\257\336\224\100\006\031\166\023\120\207
\043\313\107\127\256\154\305\023\352\232\205\122\303\312\127\046
\037\336\026\155\255\161\176\362\330\141\375\346\066\116\161\032
\235\323\040\065\255\022\041\130\165\066\213\211\026\244\067\050
\317\240\203\072\100\243\312\021\357\264\345\220\033\343\145\222
\147\230\157\016\051\345\147\030\327\210\372\215\266\307\172\245
\240\177\221\036\253\266\371\164\230\166\122\140\057\132\067\231
\250\333\321\076\326\204\152\157\122\323\264\332\032\307\270\262
\321\224\021\037\305\210\211\351\133\251\243\224\346\242\175\115
\247\062\211\241\336\046\153\315\325\243\362\062\033\332\065\023
\211\021\111\115\277\106\061\273\351\055\023\370\016\000\245\376
\003\365\126\106\074\217\023\053\340\345\307\036\003\337\212\352
\106\205\105\206\331\355\136\013\270\144\223\364\320\130\056\051
\215\105\127\115\211\165\220\145\314\152\073\301\234\200\271\264
\200\065\003\216\337\156\052\223\276\246\276\012\001\104\157\100
\163\252\052\202\034\204\166\177\151\335\261\273\222\130\350\100
\121\162\134\367\076\071\104\372\245\231\240\177\215\213\260\101
\130\167\255\042\305\240\300\272\375\061\231\065\152\331\311\040
\032\136\363\275\274\010\177\335\111\055\057\235\221\020\015\133
\250\077\317\264\127\163\073\133\340\147\002\003\001\000\001\243
\201\221\060\201\216\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\114\006\003\125\035\040\004\105\060
\103\060\101\006\011\052\205\160\112\010\001\002\001\001\060\064
\060\062\006\010\053\006\001\005\005\007\002\001\026\046\150\164
\164\160\072\057\057\143\160\163\056\163\151\164\150\163\056\163

\145\057\163\151\164\150\163\162\157\157\164\143\141\166\061\056
\150\164\155\154\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\062
\371\235\117\151\351\230\215\240\326\214\175\371\035\316\243\074
\272\166\025\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\003\202\002\001\000\037\077\343\170\130\310\012\312\064
\042\011\330\262\005\213\321\145\234\341\327\327\175\012\300\034
\230\245\044\122\070\063\332\144\042\043\200\256\376\075\200\276
\117\217\335\203\366\015\114\063\132\325\243\073\120\212\122\132
\046\024\163\121\224\344\122\227\143\333\267\006\250\357\217\255
\342\355\336\243\277\040\321\106\333\055\170\350\054\047\104\234
\074\354\267\027\374\211\227\363\243\242\136\302\131\123\340\317
\344\265\001\073\143\123\050\323\257\146\113\064\071\257\141\016
\076\233\356\263\211\326\223\240\073\001\304\263\043\124\020\074
\115\327\252\260\332\331\154\312\060\104\055\335\262\050\142\212
\101\140\362\100\023\154\260\174\076\101\340\213\246\064\361\347
\256\121\207\003\216\231\177\331\150\242\366\234\015\171\202\262
\237\337\044\310\146\140\350\266\110\104\047\310\153\126\267\104
\205\316\002\267\323\212\161\134\127\121\127\041\214\352\302\121
\017\120\077\200\253\004\115\311\122\335\344\245\362\056\037\155
\165\272\207\035\220\013\356\030\204\200\163\273\213\225\204\212
\141\015\116\135\142\237\343\146\014\373\066\016\047\323\110\370
\006\210\006\245\137\356\176\134\335\255\012\035\075\034\252\100
\171\230\171\270\120\214\066\215\013\012\066\013\325\076\347\135
\201\335\154\334\155\261\157\015\164\236\054\057\302\005\362\104
\021\262\063\372\201\305\112\155\076\105\326\054\342\153\137\056
\344\103\225\121\033\231\061\005\337\045\033\163\321\173\234\304
\163\111\373\142\140\331\151\143\335\321\076\145\155\107\372\144
\114\003\130\120\331\246\276\345\052\150\353\077\213\020\361\346
\273\042\006\050\232\240\244\230\151\157\066\264\324\015\016\014
\175\300\051\061\273\054\003\047\341\147\247\275\321\213\056\266
\207\304\012\340\011\013\202\241\346\117\130\235\373\330\370\141
\341\312\227\304\270\267\120\071\314\061\116\375\055\034\032\366
\107\343\154\354\033\005\350\177\027\065\020\204\332\063\347\064
\346\265\244\353\304\042\007\112\366\233\130\330\017\234\100\373
\261\213\137\242\375\231\352\242\173\131\142\321\136\256\321\112
\162\030\053\113\066\071\162\007\232\132\360\143\072\317\033\371
\317\335\110\163\131\160\344

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "SITHS Root CA v1"
Issuer: CN=SITHS Root CA v1,O=Inera AB,C=SE
Serial Number:90:66:61:a8:62:3d:65:44:77:04:3f:71:9a:c3:97:0c
Subject: CN=SITHS Root CA v1,O=Inera AB,C=SE

```

# Not Valid Before: Thu Mar 29 07:54:49 2012
# Not Valid After: Mon Mar 29 07:54:49 2032
# Fingerprint (MD5): 7f:7b:02:6c:68:9f:32:03:c7:af:04:9d:ec:23:df:f3
# Fingerprint (SHA1): 58:5f:78:75:be:e7:43:3e:b0:79:ea:ab:7d:05:bb:0f:7a:f2:bc:cc
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SITHS Root CA v1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\137\170\165\276\347\103\076\260\171\352\253\175\005\273\017
\172\362\274\314
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\177\173\002\154\150\237\062\003\307\257\004\235\354\043\337\363
END
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\021\060\017\006\003\125\004\012\014\010\111\156\145\162\141\040
\101\102\061\031\060\027\006\003\125\004\003\014\020\123\111\124
\110\123\040\122\157\157\164\040\103\101\040\166\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\220\146\141\250\142\075\145\104\167\004\077\161\232
\303\227\014
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Macao Post eSignTrust Root Certification Authority (G02)"
# Issuer: CN=Macao Post eSignTrust Root Certification Authority (G02),O=Macao Post,C=MO
# Serial Number:52:ac:be:07:11:49:97:bb:1f:bf:87:1b:25:17:bf:a4
# Subject: CN=Macao Post eSignTrust Root Certification Authority (G02),O=Macao Post,C=MO
# Not Valid Before: Wed Jan 06 00:00:00 2010
# Not Valid After: Sun Jan 05 23:59:59 2020
# Fingerprint (MD5): a1:2d:ed:eb:8a:3b:88:2f:fa:38:f3:86:a4:fb:bc:f2
# Fingerprint (SHA1): 06:14:31:51:e0:2b:45:dd:ba:dd:5d:8e:56:53:0d:aa:e3:28:cf:90
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Macao Post eSignTrust Root Certification Authority (G02)"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\115\117\061

```

\023\060\021\006\003\125\004\012\023\012\115\141\143\141\157\040
\120\157\163\164\061\101\060\077\006\003\125\004\003\023\070\115
\141\143\141\157\040\120\157\163\164\040\145\123\151\147\156\124
\162\165\163\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\040\050\107\060\062\051

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\115\117\061
\023\060\021\006\003\125\004\012\023\012\115\141\143\141\157\040
\120\157\163\164\061\101\060\077\006\003\125\004\003\023\070\115
\141\143\141\157\040\120\157\163\164\040\145\123\151\147\156\124
\162\165\163\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\040\050\107\060\062\051

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\122\254\276\007\021\111\227\273\037\277\207\033\045\027
\277\244

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\226\060\202\003\176\240\003\002\001\002\002\020\122
\254\276\007\021\111\227\273\037\277\207\033\045\027\277\244\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\145
\061\013\060\011\006\003\125\004\006\023\002\115\117\061\023\060
\021\006\003\125\004\012\023\012\115\141\143\141\157\040\120\157
\163\164\061\101\060\077\006\003\125\004\003\023\070\115\141\143
\141\157\040\120\157\163\164\040\145\123\151\147\156\124\162\165
\163\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040
\050\107\060\062\051\060\036\027\015\061\060\060\061\060\066\060
\060\060\060\060\060\132\027\015\062\060\060\061\060\065\062\063
\065\071\065\071\132\060\145\061\013\060\011\006\003\125\004\006
\023\002\115\117\061\023\060\021\006\003\125\004\012\023\012\115
\141\143\141\157\040\120\157\163\164\061\101\060\077\006\003\125
\004\003\023\070\115\141\143\141\157\040\120\157\163\164\040\145
\123\151\147\156\124\162\165\163\164\040\122\157\157\164\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\050\107\060\062\051\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\266\370\207
\247\164\314\135\043\136\256\253\226\334\327\044\050\035\244\024
\146\327\240\150\214\136\235\105\324\324\051\323\263\013\353\255
\026\352\235\122\021\311\244\341\160\345\335\276\016\034\021\167
\353\237\243\160\170\027\217\271\076\027\123\151\251\353\365\125
\371\225\227\351\337\071\166\236\037\122\027\264\033\000\022\320
\315\074\343\252\111\321\236\101\067\066\365\141\315\043\017\127

\261\366\115\323\333\015\102\123\002\210\364\360\251\206\213\127
\317\162\012\325\224\113\132\332\067\345\075\107\131\147\276\323
\216\126\325\127\071\320\047\333\237\111\117\250\026\124\277\170
\137\317\034\235\136\241\013\214\203\003\263\014\024\311\132\251
\273\377\306\256\131\317\365\145\037\043\211\001\123\212\325\133
\027\235\233\377\230\121\017\103\111\367\252\054\355\345\351\206
\072\063\120\163\334\122\245\153\143\204\351\023\242\174\307\167
\032\363\252\251\015\013\116\116\035\104\303\162\073\231\131\347
\101\042\073\054\124\136\022\061\226\150\101\031\325\355\165\247
\271\127\133\021\366\232\244\111\057\142\363\013\230\121\033\263
\063\102\322\314\324\141\031\303\323\334\233\373\223\262\142\315
\066\373\214\351\032\156\032\261\071\044\216\135\331\076\073\206
\174\210\346\267\047\003\370\225\121\260\277\120\067\376\370\116
\023\001\033\047\055\233\222\320\162\127\327\243\232\126\350\153
\243\367\125\336\100\135\342\010\037\134\273\121\246\236\264\335
\016\246\032\131\142\147\206\163\020\225\235\225\315\272\277\330
\234\052\016\213\166\231\223\324\113\260\350\124\077\015\330\212
\371\200\317\101\375\001\172\105\174\175\326\075\116\371\142\117
\101\045\174\252\155\130\126\033\007\264\163\252\037\021\037\074
\272\123\043\340\355\112\315\226\211\334\110\320\115\142\313\223
\007\366\240\256\123\027\174\137\134\007\034\005\114\253\114\152
\252\302\017\240\031\153\171\171\302\174\263\251\375\075\373\314
\174\161\305\273\276\045\155\041\247\373\326\276\140\363\265\251
\251\154\164\030\077\250\236\102\140\101\362\071\055\035\302\015
\163\362\340\261\266\112\032\030\275\167\151\031\327\322\172\261
\334\226\065\232\330\046\205\203\266\023\051\302\343\002\003\001
\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026
\004\024\002\201\267\266\146\370\222\105\155\302\161\322\237\354
\057\323\272\037\271\377\060\015\006\011\052\206\110\206\367\015
\001\001\005\005\000\003\202\002\001\000\130\123\213\276\317\101
\262\117\266\325\336\112\150\315\145\317\306\100\212\254\113\232
\133\143\155\275\361\077\131\120\102\320\337\232\343\137\126\221
\263\133\233\331\105\006\103\357\223\033\375\063\167\035\006\124
\070\110\361\124\214\072\123\153\073\161\065\011\166\145\351\127
\017\103\366\221\232\336\020\273\272\150\222\052\045\313\147\104
\011\153\277\235\227\146\313\251\105\266\276\067\231\035\165\045
\276\075\074\143\154\277\251\023\107\307\162\214\313\303\317\364
\366\207\005\231\211\027\250\064\040\361\337\241\047\147\323\247
\043\357\253\131\203\075\032\330\052\315\302\255\112\060\014\006
\072\040\213\244\370\332\106\067\103\056\264\211\035\204\163\212
\140\276\144\061\047\102\300\353\162\141\155\314\336\174\163\053
\350\277\071\102\136\171\221\354\200\033\252\066\166\116\041\350
\206\004\227\011\050\313\107\347\100\324\054\136\032\136\110\372
\256\307\351\004\352\107\044\233\276\361\107\236\325\325\172\321
\136\324\205\362\013\043\004\230\324\053\232\126\162\106\114\101
\232\063\360\222\264\277\101\324\275\233\260\263\361\365\023\326

\257\133\324\362\321\101\360\107\135\172\274\172\131\361\175\140
\150\224\016\112\117\201\222\042\252\037\304\074\276\034\072\072
\114\360\160\241\177\273\237\334\322\305\244\361\046\156\341\363
\046\251\160\373\361\211\226\142\025\134\131\240\265\043\372\226
\152\262\032\222\075\015\044\112\053\270\010\376\157\337\334\302
\356\226\377\316\277\173\270\371\204\357\101\073\344\115\271\207
\221\272\306\137\310\355\360\313\213\323\017\221\366\040\336\221
\230\306\347\110\144\321\316\123\022\356\304\025\155\334\200\120
\033\023\140\117\171\133\374\032\234\376\242\237\240\021\063\221
\311\113\155\072\146\226\055\323\070\370\331\231\201\264\104\046
\177\261\347\236\160\155\035\155\365\042\011\344\254\031\066\373
\047\005\330\172\233\331\274\236\033\332\031\067\330\361\335\025
\230\144\033\217\123\360\050\235\254\024\272\137\151\317\226\043
\356\126\254\231\315\072\217\325\136\031\346\142\023\072\137\353
\213\137\026\300\073\341\321\223\217\126\141\067\005\320\171\033
\375\250\274\017\171\322\263\346\323\146

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Macao Post eSignTrust Root Certification Authority (G02)"

Issuer: CN=Macao Post eSignTrust Root Certification Authority (G02),O=Macao Post,C=MO

Serial Number:52:ac:be:07:11:49:97:bb:1f:bf:87:1b:25:17:bf:a4

Subject: CN=Macao Post eSignTrust Root Certification Authority (G02),O=Macao Post,C=MO

Not Valid Before: Wed Jan 06 00:00:00 2010

Not Valid After: Sun Jan 05 23:59:59 2020

Fingerprint (MD5): a1:2d:ed:eb:8a:3b:88:2f:fa:38:f3:86:a4:fb:bc:f2

Fingerprint (SHA1): 06:14:31:51:e0:2b:45:dd:ba:dd:5d:8e:56:53:0d:aa:e3:28:cf:90

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Macao Post eSignTrust Root Certification Authority (G02)"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\006\024\061\121\340\053\105\335\272\335\135\216\126\123\015\252
\343\050\317\220

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\241\055\355\353\212\073\210\057\372\070\363\206\244\373\274\362

END

CKA_ISSUER MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\115\117\061
\023\060\021\006\003\125\004\012\023\012\115\141\143\141\157\040
\120\157\163\164\061\101\060\077\006\003\125\004\003\023\070\115
\141\143\141\157\040\120\157\163\164\040\145\123\151\147\156\124
\162\165\163\164\040\122\157\157\164\040\103\145\162\164\151\146

\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\040\050\107\060\062\051

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\122\254\276\007\021\111\227\273\037\277\207\033\045\027
\277\244

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Autoridade Certificadora Raiz Brasileira v2"

Issuer: CN=Autoridade Certificadora Raiz Brasileira v2,OU=Instituto Nacional de Tecnologia da Informacao -
ITI,O=ICP-Brasil,C=BR

Serial Number: 1 (0x1)

Subject: CN=Autoridade Certificadora Raiz Brasileira v2,OU=Instituto Nacional de Tecnologia da Informacao -
ITI,O=ICP-Brasil,C=BR

Not Valid Before: Mon Jun 21 19:04:57 2010

Not Valid After: Wed Jun 21 19:04:57 2023

Fingerprint (MD5): 00:11:ae:73:15:fb:2d:6d:88:d8:43:bd:b4:b6:4c:5f

Fingerprint (SHA1): a9:82:2e:6c:69:33:c6:3c:14:8c:2d:ca:a4:4a:5c:f1:aa:d2:c4:2e

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Autoridade Certificadora Raiz Brasileira v2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\227\061\013\060\011\006\003\125\004\006\023\002\102\122
\061\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102
\162\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064
\111\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156
\141\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141
\040\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055
\040\111\124\111\061\064\060\062\006\003\125\004\003\023\053\101
\165\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146
\151\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141
\163\151\154\145\151\162\141\040\166\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\227\061\013\060\011\006\003\125\004\006\023\002\102\122
\061\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102
\162\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064
\111\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156
\141\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141

\040\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055
\040\111\124\111\061\064\060\062\006\003\125\004\003\023\053\101
\165\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146
\151\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141
\163\151\154\145\151\162\141\040\166\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\241\060\202\004\211\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\015\005\000\060
\201\227\061\013\060\011\006\003\125\004\006\023\002\102\122\061
\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102\162
\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064\111
\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156\141
\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141\040
\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055\040
\111\124\111\061\064\060\062\006\003\125\004\003\023\053\101\165
\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146\151
\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141\163
\151\154\145\151\162\141\040\166\062\060\036\027\015\061\060\060
\066\062\061\061\071\060\064\065\067\132\027\015\062\063\060\066
\062\061\061\071\060\064\065\067\132\060\201\227\061\013\060\011
\006\003\125\004\006\023\002\102\122\061\023\060\021\006\003\125
\004\012\023\012\111\103\120\055\102\162\141\163\151\154\061\075
\060\073\006\003\125\004\013\023\064\111\156\163\164\151\164\165
\164\157\040\116\141\143\151\157\156\141\154\040\144\145\040\124
\145\143\156\157\154\157\147\151\141\040\144\141\040\111\156\146
\157\162\155\141\143\141\157\040\055\040\111\124\111\061\064\060
\062\006\003\125\004\003\023\053\101\165\164\157\162\151\144\141
\144\145\040\103\145\162\164\151\146\151\143\141\144\157\162\141
\040\122\141\151\172\040\102\162\141\163\151\154\145\151\162\141
\040\166\062\060\202\002\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002
\202\002\001\000\272\106\244\016\335\347\100\362\265\240\174\122
\225\127\105\374\155\204\363\206\001\311\205\003\255\230\253\322
\362\136\005\231\311\273\157\142\147\375\167\104\271\003\007\074
\322\033\000\142\324\160\054\102\203\171\146\253\231\126\256\201
\274\152\111\275\363\164\017\142\267\353\133\007\146\224\102\044
\235\106\254\232\102\030\060\360\044\250\121\101\352\253\225\361
\250\053\002\170\151\265\051\047\136\234\056\163\306\376\043\245
\343\246\316\375\154\033\153\000\124\353\000\255\117\072\114\074
\347\012\210\133\332\136\232\013\126\344\265\124\070\035\362\012
\223\144\116\303\101\222\123\040\052\317\374\164\156\324\333\063
\070\142\344\376\216\114\130\034\367\217\052\115\377\305\222\331
\011\122\275\317\160\000\235\151\232\063\152\210\207\105\041\231
\026\121\015\064\337\202\275\264\151\250\174\174\324\335\323\362

\025\134\113\305\130\020\352\205\031\313\066\042\130\052\162\014
\232\226\336\312\317\010\121\141\277\264\005\051\006\053\206\220
\376\351\115\303\004\005\107\313\317\166\331\177\161\246\207\173
\025\100\344\063\200\170\007\035\244\362\216\233\100\073\311\162
\120\337\151\276\360\054\226\037\220\265\325\256\164\343\145\264
\214\032\351\152\033\373\162\134\305\202\124\352\340\123\007\304
\314\022\351\367\336\327\057\324\110\057\107\077\046\141\004\261
\022\232\063\153\265\206\113\023\053\320\206\235\107\355\151\373
\374\204\022\146\370\126\345\016\212\154\166\304\153\032\172\302
\240\132\022\321\043\211\130\001\174\010\130\332\025\216\025\331
\176\175\067\266\244\105\365\003\205\314\107\372\213\171\105\270
\146\142\063\323\046\112\336\034\351\324\177\346\155\046\271\074
\175\315\017\050\012\051\017\233\335\143\253\271\246\107\032\204
\327\205\244\003\145\006\004\113\122\215\203\064\102\177\061\216
\021\056\346\263\147\225\100\176\227\172\100\000\371\021\154\203
\070\130\255\003\063\133\246\304\301\305\260\254\015\251\006\360
\246\151\001\064\266\351\370\224\110\117\076\246\165\011\354\112
\305\073\340\311\136\260\062\377\237\151\131\317\074\060\157\015
\316\047\127\354\132\033\150\377\354\117\157\170\062\076\171\305
\264\135\225\177\002\003\001\000\001\243\201\365\060\201\362\060
\116\006\003\125\035\040\004\107\060\105\060\103\006\005\140\114
\001\001\000\060\072\060\070\006\010\053\006\001\005\005\007\002
\001\026\054\150\164\164\160\072\057\057\141\143\162\141\151\172
\056\151\143\160\142\162\141\163\151\154\056\147\157\166\056\142
\162\057\104\120\103\141\143\162\141\151\172\056\160\144\146\060
\077\006\003\125\035\037\004\070\060\066\060\064\240\062\240\060
\206\056\150\164\164\160\072\057\057\141\143\162\141\151\172\056
\151\143\160\142\162\141\163\151\154\056\147\157\166\056\142\162
\057\114\103\122\141\143\162\141\151\172\166\062\056\143\162\154
\060\037\006\003\125\035\043\004\030\060\026\200\024\014\071\040
\072\267\001\037\313\327\050\175\101\240\307\372\112\255\062\044
\276\060\035\006\003\125\035\016\004\026\004\024\014\071\040\072
\267\001\037\313\327\050\175\101\240\307\372\112\255\062\044\276
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\015\006\011\052\206\110\206\367\015\001\001\015\005\000
\003\202\002\001\000\131\232\024\151\030\155\175\051\103\160\175
\166\233\141\337\167\216\032\166\344\251\326\313\166\244\026\014
\114\224\022\306\220\321\201\003\305\255\006\331\055\104\274\262
\011\166\011\200\071\147\000\030\064\155\006\012\346\265\020\131
\110\272\165\140\374\077\216\035\030\125\160\053\236\113\225\254
\211\253\012\167\044\173\141\304\307\221\046\216\106\023\121\067
\266\214\047\012\323\015\360\232\053\042\203\203\263\275\203\065
\255\233\074\274\170\203\051\065\141\066\370\021\161\063\040\124
\143\123\105\001\330\023\132\204\073\327\146\023\044\267\304\106
\305\042\330\163\044\356\034\023\027\226\310\045\350\033\036\317
\337\205\120\155\074\352\367\120\236\033\227\336\247\153\333\326
\163\322\317\174\120\300\260\214\345\123\022\172\206\071\254\065

\133\147\307\352\324\373\321\302\135\352\016\227\163\230\256\051
\277\344\072\363\004\066\120\054\355\336\036\333\205\350\035\204
\011\356\363\246\203\063\133\157\107\171\117\110\265\374\270\046
\023\253\252\263\364\141\021\373\105\147\363\035\076\156\376\052
\113\046\104\032\237\261\242\340\074\332\340\344\005\072\170\254
\373\250\241\115\277\135\054\167\051\220\315\023\035\357\006\050
\330\267\024\363\133\310\311\236\247\176\061\022\212\170\142\304
\321\005\274\006\002\143\004\053\015\211\335\344\134\133\062\200
\104\324\102\354\052\363\362\100\207\061\325\076\342\012\062\014
\024\215\325\162\155\013\346\375\215\344\250\363\005\215\165\027
\167\233\012\271\372\220\222\231\145\210\062\147\103\005\216\055
\013\025\273\065\361\141\350\331\147\167\355\026\345\350\001\055
\153\064\077\216\203\263\367\352\017\112\036\076\065\204\235\214
\200\064\077\251\225\350\303\255\304\315\236\312\024\026\054\031
\236\344\066\213\271\271\243\102\045\007\076\303\345\325\150\117
\240\146\034\246\263\266\163\034\220\032\077\100\271\032\126\102
\160\207\377\157\055\017\021\375\036\377\367\205\060\025\016\343
\027\061\356\047\225\314\311\351\231\036\227\307\155\133\007\265
\005\152\075\362\105\337\272\202\171\044\160\056\233\202\037\146
\251\245\155\047\314\366\052\242\321\137\205\157\340\106\235\252
\322\245\116\125\016

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Autoridade Certificadora Raiz Brasileira v2"

Issuer: CN=Autoridade Certificadora Raiz Brasileira v2,OU=Instituto Nacional de Tecnologia da Informacao - ITI,O=ICP-Brasil,C=BR

Serial Number: 1 (0x1)

Subject: CN=Autoridade Certificadora Raiz Brasileira v2,OU=Instituto Nacional de Tecnologia da Informacao - ITI,O=ICP-Brasil,C=BR

Not Valid Before: Mon Jun 21 19:04:57 2010

Not Valid After: Wed Jun 21 19:04:57 2023

Fingerprint (MD5): 00:11:ae:73:15:fb:2d:6d:88:d8:43:bd:b4:b6:4c:5f

Fingerprint (SHA1): a9:82:2e:6c:69:33:c6:3c:14:8c:2d:ca:a4:4a:5c:f1:aa:d2:c4:2e

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Autoridade Certificadora Raiz Brasileira v2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\251\202\056\154\151\063\306\074\024\214\055\312\244\112\134\361
\252\322\304\056

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\000\021\256\163\025\373\055\155\210\330\103\275\264\266\114\137

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\227\061\013\060\011\006\003\125\004\006\023\002\102\122
\061\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102
\162\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064
\111\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156
\141\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141
\040\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055
\040\111\124\111\061\064\060\062\006\003\125\004\003\023\053\101
\165\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146
\151\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141
\163\151\154\145\151\162\141\040\166\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Swisscom Root CA 2"

Issuer: CN=Swisscom Root CA 2,OU=Digital Certificate Services,O=Swisscom,C=ch

Serial Number: 1e:9e:28:e8:f2:e5:ef:c3:7c:4a:1e:5a:18:67:b6

Subject: CN=Swisscom Root CA 2,OU=Digital Certificate Services,O=Swisscom,C=ch

Not Valid Before: Fri Jun 24 08:38:14 2011

Not Valid After: Wed Jun 25 07:38:14 2031

Fingerprint (MD5): 5b:04:69:ec:a5:83:94:63:18:a7:86:d0:e4:f2:6e:19

Fingerprint (SHA1): 77:47:4f:c6:30:e4:0f:4c:47:64:3f:84:ba:b8:c6:95:4a:8a:41:ec

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Swisscom Root CA 2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\144\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\021\060\017\006\003\125\004\012\023\010\123\167\151\163\163\143
\157\155\061\045\060\043\006\003\125\004\013\023\034\104\151\147
\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164\145
\040\123\145\162\166\151\143\145\163\061\033\060\031\006\003\125
\004\003\023\022\123\167\151\163\163\143\157\155\040\122\157\157
\164\040\103\101\040\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\144\061\013\060\011\006\003\125\004\006\023\002\143\150\061

\021\060\017\006\003\125\004\012\023\010\123\167\151\163\163\143
\157\155\061\045\060\043\006\003\125\004\013\023\034\104\151\147
\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164\145
\040\123\145\162\166\151\143\145\163\061\033\060\031\006\003\125
\004\003\023\022\123\167\151\163\163\143\157\155\040\122\157\157
\164\040\103\101\040\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\036\236\050\350\110\362\345\357\303\174\112\036\132\030
\147\266

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\331\060\202\003\301\240\003\002\001\002\002\020\036
\236\050\350\110\362\345\357\303\174\112\036\132\030\147\266\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\144
\061\013\060\011\006\003\125\004\006\023\002\143\150\061\021\060
\017\006\003\125\004\012\023\010\123\167\151\163\163\143\157\155
\061\045\060\043\006\003\125\004\013\023\034\104\151\147\151\164
\141\154\040\103\145\162\164\151\146\151\143\141\164\145\040\123
\145\162\166\151\143\145\163\061\033\060\031\006\003\125\004\003
\023\022\123\167\151\163\163\143\157\155\040\122\157\157\164\040
\103\101\040\062\060\036\027\015\061\061\060\066\062\064\060\070
\063\070\061\064\132\027\015\063\061\060\066\062\065\060\067\063
\070\061\064\132\060\144\061\013\060\011\006\003\125\004\006\023
\002\143\150\061\021\060\017\006\003\125\004\012\023\010\123\167
\151\163\163\143\157\155\061\045\060\043\006\003\125\004\013\023
\034\104\151\147\151\164\141\154\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163\061\033\060
\031\006\003\125\004\003\023\022\123\167\151\163\163\143\157\155
\040\122\157\157\164\040\103\101\040\062\060\202\002\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002
\017\000\060\202\002\012\002\202\002\001\000\225\102\116\204\235
\121\346\323\011\350\162\132\043\151\333\170\160\216\026\361\053
\217\015\003\316\223\314\056\000\010\173\253\063\214\364\351\100
\346\027\114\253\236\270\107\024\062\167\062\335\050\014\336\030
\113\137\166\237\370\071\073\374\116\211\330\174\305\147\357\253
\322\271\064\137\153\072\363\144\066\316\302\260\317\023\150\312
\310\313\353\265\342\075\056\041\337\352\054\324\340\371\160\226
\114\377\152\130\230\267\027\344\033\122\345\176\007\000\035\137
\332\346\076\225\004\267\151\210\071\241\101\140\045\141\113\225
\071\150\142\034\261\013\005\211\300\066\202\024\041\077\256\333
\241\375\274\157\034\140\206\266\123\224\111\271\053\106\305\117
\000\053\277\241\273\313\077\340\307\127\034\127\350\326\151\370
\301\044\122\235\210\125\335\302\207\056\164\043\320\024\375\052
\107\132\273\246\235\375\224\344\321\212\245\137\206\143\166\205
\313\257\377\111\050\374\200\355\114\171\322\273\344\300\357\001
\356\120\101\010\065\043\160\053\251\026\264\214\156\205\351\266
\021\317\061\335\123\046\033\337\055\132\112\002\100\374\304\300

\266\351\061\032\010\050\345\140\303\037\304\220\216\020\142\140
\104\015\354\012\276\125\030\161\054\245\364\262\274\025\142\377
\034\343\276\035\332\036\127\263\074\176\315\202\035\221\343\113
\353\054\122\064\260\212\375\022\116\226\260\353\160\177\236\071
\367\146\102\261\253\254\122\332\166\100\127\173\052\275\350\156
\003\262\013\200\205\210\235\014\307\302\167\260\232\232\127\364
\270\372\023\134\150\223\072\147\244\227\320\033\231\267\206\062
\113\140\330\316\357\320\014\177\225\237\157\207\117\207\212\216
\137\010\174\252\133\374\132\276\241\221\237\125\175\116\260\013
\151\314\260\224\250\247\207\362\323\112\120\334\137\162\260\026
\165\036\313\264\030\142\232\260\247\071\252\233\237\146\330\215
\246\154\226\025\343\346\362\370\361\203\142\154\273\125\351\141
\223\243\075\365\261\127\213\117\043\260\233\345\224\152\057\337
\214\337\225\121\051\140\241\013\051\344\134\125\130\267\250\374
\231\356\045\115\114\016\263\323\114\217\204\350\051\017\375\020
\124\002\205\310\371\345\303\213\317\347\017\002\003\001\000\001
\243\201\206\060\201\203\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\035\006\003\125\035\041\004\026\060
\024\060\022\006\007\140\205\164\001\123\002\001\006\007\140\205
\164\001\123\002\001\060\022\006\003\125\035\023\001\001\377\004
\010\060\006\001\001\377\002\001\007\060\035\006\003\125\035\016
\004\026\004\024\115\046\040\042\211\113\323\325\244\012\241\157
\336\342\022\201\305\361\074\056\060\037\006\003\125\035\043\004
\030\060\026\200\024\115\046\040\042\211\113\323\325\244\012\241
\157\336\342\022\201\305\361\074\056\060\015\006\011\052\206\110
\206\367\015\001\001\013\005\000\003\202\002\001\000\062\012\262
\244\033\313\175\276\202\127\211\271\152\177\363\364\301\056\021
\175\270\031\076\171\267\250\250\162\067\146\233\032\355\254\023
\073\016\277\142\360\234\337\236\173\241\123\110\016\101\172\312
\040\247\027\033\266\170\354\100\221\363\102\255\020\303\134\357
\377\140\131\177\315\205\243\213\075\110\034\045\002\074\147\175
\365\062\351\057\060\345\175\245\172\070\320\363\146\052\146\036
\215\063\203\212\157\174\156\250\132\165\232\270\327\332\130\110
\104\107\250\114\372\114\111\012\112\302\022\067\250\100\014\303
\310\341\320\127\015\227\062\225\307\072\237\227\323\127\370\013
\336\345\162\363\243\333\377\265\330\131\262\163\335\115\052\161
\262\272\111\365\313\034\325\365\171\310\231\263\374\301\114\164
\343\264\275\051\067\025\004\050\036\336\105\106\160\354\257\272
\170\016\212\052\316\000\171\334\300\137\031\147\054\153\113\357
\150\150\013\103\343\254\301\142\011\357\246\335\145\141\240\257
\204\125\110\221\122\034\306\045\221\052\320\301\042\043\141\131
\257\105\021\205\035\001\044\064\217\317\263\377\027\162\040\023
\302\200\252\041\054\161\071\016\320\217\134\301\323\321\216\042
\162\106\114\035\226\256\117\161\261\341\005\051\226\131\364\273
\236\165\075\317\015\067\015\142\333\046\214\143\251\043\337\147
\006\074\174\072\332\064\102\341\146\264\106\004\336\306\226\230
\017\113\110\172\044\062\165\221\237\254\367\150\351\052\271\125
\145\316\135\141\323\047\160\330\067\376\237\271\257\240\056\126

```
\267\243\145\121\355\073\253\024\277\114\121\003\350\137\212\005
\233\356\212\156\234\357\277\150\372\310\332\013\343\102\311\320
\027\024\234\267\112\340\257\223\047\041\125\046\265\144\057\215
\361\377\246\100\005\205\005\134\312\007\031\134\013\023\050\114
\130\177\302\245\357\105\332\140\323\256\145\141\235\123\203\164
\302\256\362\134\302\026\355\222\076\204\076\163\140\210\274\166
\364\054\317\320\175\175\323\270\136\321\221\022\020\351\315\335
\312\045\343\325\355\231\057\276\165\201\113\044\371\105\106\224
\311\051\041\123\234\046\105\252\023\027\344\347\315\170\342\071
\301\053\022\236\246\236\033\305\346\016\331\061\331
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Swisscom Root CA 2"

Issuer: CN=Swisscom Root CA 2,OU=Digital Certificate Services,O=Swisscom,C=ch

Serial Number: 1e:9e:28:e8:f2:e5:ef:c3:7c:4a:1e:5a:18:67:b6

Subject: CN=Swisscom Root CA 2,OU=Digital Certificate Services,O=Swisscom,C=ch

Not Valid Before: Fri Jun 24 08:38:14 2011

Not Valid After: Wed Jun 25 07:38:14 2031

Fingerprint (MD5): 5b:04:69:ec:a5:83:94:63:18:a7:86:d0:e4:f2:6e:19

Fingerprint (SHA1): 77:47:4f:c6:30:e4:0f:4c:47:64:3f:84:ba:b8:c6:95:4a:8a:41:ec

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Swisscom Root CA 2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\167\107\117\306\060\344\017\114\107\144\077\204\272\270\306\225
\112\212\101\354
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\133\004\151\354\245\203\224\143\030\247\206\320\344\362\156\031
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\144\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\021\060\017\006\003\125\004\012\023\010\123\167\151\163\163\143
\157\155\061\045\060\043\006\003\125\004\013\023\034\104\151\147
\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164\145
\040\123\145\162\166\151\143\145\163\061\033\060\031\006\003\125
\004\003\023\022\123\167\151\163\163\143\157\155\040\122\157\157
\164\040\103\101\040\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\036\236\050\350\110\362\345\357\303\174\112\036\132\030
\147\266
```

```
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "IGC/A AC racine Etat francais"
# Issuer: CN=IGC/A AC racine Etat francais,OU=0002 130007669,O=ANSSI,C=FR
# Serial Number:11:21:85:0c:b3:9c:6a:32:fa:be:67:1b:81:3f:a4:86:15:8f
# Subject: CN=IGC/A AC racine Etat francais,OU=0002 130007669,O=ANSSI,C=FR
# Not Valid Before: Fri Jul 08 09:00:00 2011
# Not Valid After: Sat Apr 15 09:00:00 2028
# Fingerprint (MD5): f4:f5:81:33:de:2e:15:b5:70:3a:57:3c:26:0a:72:8d
# Fingerprint (SHA1): 1a:c9:2f:09:ea:89:e2:8b:12:6d:fa:c5:1e:3a:f7:ea:90:95:a3:ee
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IGC/A AC racine Etat francais"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\016\060\014\006\003\125\004\012\023\005\101\116\123\123\111\061
\027\060\025\006\003\125\004\013\023\016\060\060\060\062\040\061
\063\060\060\060\067\066\066\071\061\046\060\044\006\003\125\004
\003\023\035\111\107\103\057\101\040\101\103\040\162\141\143\151
\156\145\040\105\164\141\164\040\146\162\141\156\143\141\151\163
```

```
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\016\060\014\006\003\125\004\012\023\005\101\116\123\123\111\061
\027\060\025\006\003\125\004\013\023\016\060\060\060\062\040\061
\063\060\060\060\067\066\066\071\061\046\060\044\006\003\125\004
\003\023\035\111\107\103\057\101\040\101\103\040\162\141\143\151
\156\145\040\105\164\141\164\040\146\162\141\156\143\141\151\163
```

```
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\041\205\014\263\234\152\062\372\276\147\033\201\077
\244\206\025\217
```

```
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\303\060\202\003\253\240\003\002\001\002\002\022\021
\041\205\014\263\234\152\062\372\276\147\033\201\077\244\206\025
\217\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\060\136\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\016\060\014\006\003\125\004\012\023\005\101\116\123\123\111\061
```


\027\060\025\006\003\125\004\013\023\016\060\060\060\062\040\061
\063\060\060\060\067\066\066\071\061\046\060\044\006\003\125\004
\003\023\035\111\107\103\057\101\040\101\103\040\162\141\143\151
\156\145\040\105\164\141\164\040\146\162\141\156\143\141\151\163
\060\036\027\015\061\061\060\067\060\070\060\071\060\060\060\060
\132\027\015\062\070\060\064\061\065\060\071\060\060\060\060\132
\060\136\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\016\060\014\006\003\125\004\012\023\005\101\116\123\123\111\061
\027\060\025\006\003\125\004\013\023\016\060\060\060\062\040\061
\063\060\060\060\067\066\066\071\061\046\060\044\006\003\125\004
\003\023\035\111\107\103\057\101\040\101\103\040\162\141\143\151
\156\145\040\105\164\141\164\040\146\162\141\156\143\141\151\163
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\252\174\050\237\021\060\230\315\157\156\054\205\022\046\073
\010\006\312\101\375\122\117\103\275\300\046\047\161\166\032\131
\226\330\011\353\007\252\046\116\117\076\113\241\343\227\207\205
\146\201\161\311\271\025\166\157\167\120\030\223\020\055\067\210
\115\027\267\363\105\275\042\056\267\047\230\133\307\005\375\275
\063\355\242\365\123\035\050\043\145\277\100\065\156\316\152\013
\303\251\365\045\014\253\042\360\270\300\304\175\067\014\243\142
\174\356\264\333\075\041\071\247\234\211\343\233\242\020\370\212
\266\112\057\056\230\151\053\152\240\206\332\361\010\345\276\114
\147\026\055\045\141\363\325\015\013\027\104\107\011\324\106\005
\235\017\300\210\115\141\344\044\304\307\150\011\257\254\322\257
\271\225\046\157\200\004\374\166\254\252\307\043\266\344\006\221
\125\104\354\144\333\231\201\034\322\126\164\375\326\062\050\273
\313\311\067\015\373\151\154\157\272\243\153\006\214\152\100\056
\027\072\071\352\320\014\337\132\034\272\157\244\062\260\270\314
\076\167\033\323\213\037\206\372\377\076\076\157\134\210\106\347
\343\017\372\253\035\363\175\113\370\124\156\116\314\334\062\132
\143\170\242\062\257\063\170\352\103\341\114\172\115\327\224\006
\055\346\117\245\102\222\257\050\212\117\303\025\354\251\153\251
\337\340\335\023\002\274\314\175\377\055\346\007\251\276\165\226
\352\102\136\133\032\336\242\063\263\143\275\253\005\371\213\346
\275\115\321\155\126\232\353\211\074\237\300\170\344\276\045\160
\006\305\021\163\240\310\312\024\313\072\324\362\234\052\074\332
\137\027\063\331\166\024\067\252\111\207\145\331\364\331\056\031
\137\371\240\315\250\271\101\062\155\161\246\244\313\367\143\042
\320\051\344\272\201\032\152\051\035\232\245\244\134\106\124\044
\105\324\310\355\172\171\205\354\204\167\156\147\115\144\017\103
\336\172\203\244\247\330\333\265\123\114\376\142\310\023\303\142
\066\245\050\061\062\233\264\226\207\342\231\306\037\126\277\106
\243\251\144\061\345\325\261\113\250\146\314\133\241\377\026\374
\012\070\052\150\217\167\045\046\255\221\164\205\150\310\177\032
\345\132\024\270\175\016\267\043\061\300\144\267\005\057\101\130
\125\002\003\001\000\001\243\173\060\171\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125

\035\017\001\001\377\004\004\003\002\001\006\060\026\006\003\125
\035\040\004\017\060\015\060\013\006\011\052\201\172\001\201\137
\001\001\002\060\035\006\003\125\035\016\004\026\004\024\237\252
\323\051\226\337\000\345\103\340\361\143\254\336\022\216\302\047
\170\372\060\037\006\003\125\035\043\004\030\060\026\200\024\237
\252\323\051\226\337\000\345\103\340\361\143\254\336\022\216\302
\047\170\372\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\002\001\000\165\265\165\321\216\066\146\234\110
\367\205\015\116\005\273\115\232\234\264\016\050\242\004\274\120
\060\273\364\224\114\230\220\205\253\340\122\144\117\322\322\056
\142\223\220\260\205\015\210\124\373\306\124\154\236\353\225\171
\200\136\242\227\026\037\362\147\164\101\234\125\364\267\152\233
\112\026\206\275\005\037\146\200\160\176\311\321\365\055\041\161
\120\071\245\255\210\246\046\034\213\327\045\034\072\326\343\364
\302\014\237\127\301\144\310\127\121\043\026\043\215\017\043\152
\126\113\377\372\306\237\065\223\306\042\300\145\361\257\336\251
\154\030\276\127\145\131\315\364\043\125\144\041\330\355\225\141
\151\063\162\152\121\366\237\345\225\155\216\336\153\163\047\023
\224\136\176\227\110\300\062\026\276\075\067\355\326\334\216\274
\134\055\374\142\250\317\366\220\367\261\213\011\353\072\044\143
\015\310\226\105\324\057\167\110\102\365\055\142\347\047\013\340
\021\206\031\335\247\020\367\143\006\221\060\151\132\165\364\254
\371\241\215\227\306\240\357\072\037\223\045\110\126\072\032\210
\041\031\223\303\225\040\111\010\125\111\115\242\123\234\231\234
\163\151\056\247\365\312\267\016\045\357\067\043\137\220\330\103
\176\356\204\027\152\047\136\177\322\055\077\254\076\257\060\247
\215\221\304\364\217\011\035\363\367\221\016\343\030\272\334\104
\311\175\005\123\003\267\156\240\363\171\327\321\032\117\320\270
\154\210\166\301\200\230\125\205\123\141\317\104\127\114\336\116
\015\026\121\361\075\211\201\256\175\013\255\212\265\356\126\304
\306\314\021\013\030\324\374\375\171\373\376\004\021\234\043\357
\166\162\307\215\276\271\036\170\166\362\232\034\255\143\102\307
\330\355\155\141\220\302\041\052\017\010\024\055\040\103\045\174
\030\265\267\240\244\175\271\245\014\031\376\311\253\075\347\133
\336\257\372\127\031\047\205\347\043\016\364\315\015\031\060\076
\212\344\306\021\036\360\264\175\151\143\233\016\226\206\220\340
\373\003\157\133\131\076\035\041\365\127\147\126\046\362\207\031
\007\204\272\054\220\072\303\050\244\005\132\040\315\251\133\225
\165\071\177\042\120\012\116\177\027\367\263\254\323\007\246\276
\055\122\012\060\114\170\020

END

CKA_NSS_Mozilla_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "IGC/A AC racine Etat francais"

Issuer: CN=IGC/A AC racine Etat francais,OU=0002 130007669,O=ANSSI,C=FR

```
# Serial Number:11:21:85:0c:b3:9c:6a:32:fa:be:67:1b:81:3f:a4:86:15:8f
# Subject: CN=IGC/A AC racine Etat francais,OU=0002 130007669,O=ANSSI,C=FR
# Not Valid Before: Fri Jul 08 09:00:00 2011
# Not Valid After: Sat Apr 15 09:00:00 2028
# Fingerprint (MD5): f4:f5:81:33:de:2e:15:b5:70:3a:57:3c:26:0a:72:8d
# Fingerprint (SHA1): 1a:c9:2f:09:ea:89:e2:8b:12:6d:fa:c5:1e:3a:f7:ea:90:95:a3:ee
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IGC/A AC racine Etat francais"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\032\311\057\011\352\211\342\213\022\155\372\305\036\072\367\352
\220\225\243\356
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\364\365\201\063\336\056\025\265\160\072\127\074\046\012\162\215
END
CKA_ISSUER MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\016\060\014\006\003\125\004\012\023\005\101\116\123\123\111\061
\027\060\025\006\003\125\004\013\023\016\060\060\060\062\040\061
\063\060\060\060\067\066\066\071\061\046\060\044\006\003\125\004
\003\023\035\111\107\103\057\101\040\101\103\040\162\141\143\151
\156\145\040\105\164\141\164\040\146\162\141\156\143\141\151\163
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\041\205\014\263\234\152\062\372\276\147\033\201\077
\244\206\025\217
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "PersonalID Trustworthy RootCA 2011"
# Issuer: CN=PersonalID Trustworthy RootCA 2011,OU=Certificate Services,O=PersonalID Ltd.,C=IL
# Serial Number:58:cb:f9:64:96:71:74:95:40:f4:ad:08:ac:64:e4:e3
# Subject: CN=PersonalID Trustworthy RootCA 2011,OU=Certificate Services,O=PersonalID Ltd.,C=IL
# Not Valid Before: Thu Sep 01 08:35:21 2011
# Not Valid After: Sun Sep 01 08:45:16 2041
# Fingerprint (MD5): 20:3c:23:dc:f6:7a:97:14:0e:5f:48:b4:7d:ad:ac:c8
# Fingerprint (SHA1): 43:94:ce:31:26:ff:1a:22:4c:dd:4d:ee:b4:f4:ec:1d:a3:68:ef:6a
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "PersonalID Trustworthy RootCA 2011"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\163\061\013\060\011\006\003\125\004\006\023\002\111\114\061
\030\060\026\006\003\125\004\012\014\017\120\145\162\163\157\156
\141\154\111\104\040\114\164\144\056\061\035\060\033\006\003\125
\004\013\014\024\103\145\162\164\151\146\151\143\141\164\145\040
\123\145\162\166\151\143\145\163\061\053\060\051\006\003\125\004
\003\014\042\120\145\162\163\157\156\141\154\111\104\040\124\162
\165\163\164\167\157\162\164\150\171\040\122\157\157\164\103\101
\040\062\060\061\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\163\061\013\060\011\006\003\125\004\006\023\002\111\114\061
\030\060\026\006\003\125\004\012\014\017\120\145\162\163\157\156
\141\154\111\104\040\114\164\144\056\061\035\060\033\006\003\125
\004\013\014\024\103\145\162\164\151\146\151\143\141\164\145\040
\123\145\162\166\151\143\145\163\061\053\060\051\006\003\125\004
\003\014\042\120\145\162\163\157\156\141\154\111\104\040\124\162
\165\163\164\167\157\162\164\150\171\040\122\157\157\164\103\101
\040\062\060\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\130\313\371\144\226\161\164\225\100\364\255\010\254\144
\344\343
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\062\060\202\004\032\240\003\002\001\002\002\020\130
\313\371\144\226\161\164\225\100\364\255\010\254\144\344\343\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\163
\061\013\060\011\006\003\125\004\006\023\002\111\114\061\030\060
\026\006\003\125\004\012\014\017\120\145\162\163\157\156\141\154
\111\104\040\114\164\144\056\061\035\060\033\006\003\125\004\013
\014\024\103\145\162\164\151\146\151\143\141\164\145\040\123\145
\162\166\151\143\145\163\061\053\060\051\006\003\125\004\003\014
\042\120\145\162\163\157\156\141\154\111\104\040\124\162\165\163
\164\167\157\162\164\150\171\040\122\157\157\164\103\101\040\062
\060\061\061\060\036\027\015\061\061\060\071\060\061\060\070\063
\065\062\061\132\027\015\064\061\060\071\060\061\060\070\064\065
\061\066\132\060\163\061\013\060\011\006\003\125\004\006\023\002
\111\114\061\030\060\026\006\003\125\004\012\014\017\120\145\162
\163\157\156\141\154\111\104\040\114\164\144\056\061\035\060\033
\006\003\125\004\013\014\024\103\145\162\164\151\146\151\143\141
\164\145\040\123\145\162\166\151\143\145\163\061\053\060\051\006
\003\125\004\003\014\042\120\145\162\163\157\156\141\154\111\104
\040\124\162\165\163\164\167\157\162\164\150\171\040\122\157\157
\164\103\101\040\062\060\061\061\060\202\002\042\060\015\006\011
```

\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000
\060\202\002\012\002\202\002\001\000\260\225\214\140\376\005\016
\152\063\355\367\213\343\362\325\362\174\323\126\102\124\367\053
\362\210\245\365\347\267\154\207\001\053\151\276\005\111\104\330
\333\041\172\052\327\212\061\241\041\020\236\323\342\156\143\202
\205\124\204\115\050\046\033\342\023\367\121\373\057\353\022\325
\075\071\214\144\237\244\023\207\303\330\311\372\051\043\216\011
\217\111\106\304\324\311\127\130\151\237\027\317\163\164\245\356
\312\030\271\307\301\060\315\117\072\065\010\123\370\354\032\373
\157\060\355\366\237\011\360\360\320\304\216\073\171\116\056\205
\042\134\324\175\160\321\377\222\272\037\324\125\123\147\272\050
\130\055\367\023\214\374\245\013\234\070\246\106\034\016\350\252
\170\053\365\012\060\323\073\140\206\310\177\245\233\242\143\001
\057\320\323\022\045\205\176\226\315\061\261\344\233\216\352\054
\223\244\142\250\067\325\366\217\337\041\232\323\076\035\341\120
\021\160\124\233\004\027\235\115\253\141\316\217\052\054\357\171
\346\167\105\131\326\150\325\266\113\232\253\221\113\016\141\027
\271\130\302\236\146\241\217\211\301\103\040\102\260\177\200\234
\112\052\267\172\040\101\306\115\304\222\157\172\176\135\133\271
\243\311\116\312\345\120\145\274\000\000\171\107\360\105\004\260
\042\373\016\230\252\141\035\117\140\143\162\217\265\260\004\224
\177\020\254\031\077\047\142\151\326\034\127\335\071\117\070\352
\000\232\375\050\235\100\046\300\100\235\304\240\111\310\101\265
\147\075\240\113\224\051\022\251\130\047\131\004\177\217\321\214
\176\014\263\010\027\064\254\217\271\134\275\351\160\241\176\302
\245\145\141\351\266\020\120\217\334\344\164\141\361\137\162\173
\177\134\057\055\174\253\326\103\061\020\034\131\167\312\110\112
\030\242\144\013\000\131\147\307\324\312\303\233\032\010\122\025
\276\327\305\306\267\057\346\142\234\246\307\330\336\360\025\373
\256\071\125\055\157\120\165\056\375\240\007\264\137\172\176\004
\213\366\231\242\165\355\311\073\325\075\317\147\122\075\076\357
\037\160\232\030\074\247\040\006\111\014\261\145\254\063\273\324
\177\107\151\210\366\212\201\356\235\324\264\307\057\003\350\256
\032\311\126\005\147\151\250\310\201\002\003\001\000\001\243\201
\301\060\201\276\060\013\006\003\125\035\017\004\004\003\002\001
\206\060\022\006\003\125\035\023\001\001\377\004\010\060\006\001
\001\377\002\001\002\060\035\006\003\125\035\016\004\026\004\024
\307\177\013\310\057\127\216\051\362\366\001\213\353\047\245\126
\216\375\244\036\060\020\006\011\053\006\001\004\001\202\067\025
\001\004\003\002\001\000\060\152\006\003\125\035\040\004\143\060
\141\060\137\006\010\053\006\001\004\001\341\030\001\060\123\060
\121\006\010\053\006\001\005\005\007\002\001\026\105\150\164\164
\160\072\057\057\167\167\167\056\151\143\141\056\143\157\056\151
\154\057\162\145\160\157\163\151\164\157\162\171\057\143\160\163
\057\120\145\162\163\157\156\141\154\111\104\137\120\162\141\143
\164\151\143\145\137\123\164\141\164\145\155\145\156\164\056\160
\144\146\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\003\202\002\001\000\102\145\213\044\372\222\025\064\032\034

\372\310\316\115\172\057\173\337\320\003\101\034\324\244\341\373
\350\314\255\011\335\035\244\010\331\250\040\175\227\237\014\111
\361\245\302\346\325\167\106\227\176\244\220\242\171\351\275\032
\136\064\202\146\011\122\374\120\321\217\320\253\034\242\377\377
\075\356\376\043\370\277\043\263\315\276\341\367\317\344\330\022
\343\224\310\116\314\327\173\260\067\233\167\352\355\134\201\310
\314\217\316\071\343\344\145\135\336\202\330\217\043\151\341\121
\257\137\267\117\220\151\244\231\145\123\272\346\375\257\170\147
\224\112\310\303\177\214\002\117\112\346\207\230\366\070\267\110
\370\155\050\177\367\306\154\045\124\375\056\326\352\332\006\342
\261\375\007\150\360\257\200\214\264\302\351\164\025\244\032\277
\271\312\103\133\022\347\205\107\136\122\003\360\221\340\351\120
\161\324\041\002\054\173\206\221\160\066\306\234\266\164\371\052
\125\367\041\373\157\240\006\135\327\060\022\362\121\361\311\070
\066\217\310\146\141\101\331\307\113\202\150\122\243\365\211\014
\025\274\116\052\225\254\061\151\247\033\342\324\327\110\364\221
\365\003\174\171\026\076\054\015\151\341\212\067\036\237\174\030
\125\101\057\137\347\244\162\233\125\363\343\001\260\002\245\204
\022\152\100\246\253\344\241\254\353\003\331\274\137\044\126\047
\255\040\340\146\065\105\075\107\011\360\005\261\157\161\176\100
\260\320\025\136\053\254\122\201\250\373\203\365\054\127\104\206
\064\344\024\152\343\317\175\232\167\330\154\110\134\313\232\341
\246\373\277\021\242\006\345\037\161\275\064\265\317\275\304\102
\026\305\051\370\324\300\114\212\262\336\305\224\202\206\233\314
\340\251\006\104\061\044\044\115\372\355\341\102\045\146\242\301
\327\200\027\357\172\225\145\103\076\146\323\005\361\001\344\102
\126\104\000\170\153\235\066\040\373\145\377\100\134\350\150\065
\037\341\046\240\202\003\166\003\313\160\106\021\044\256\337\057
\140\375\361\047\000\003\275\113\047\333\274\234\227\067\121\053
\345\170\264\301\066\220\020\214\377\075\000\324\272\110\237\110
\312\207\061\232\355\304\232\123\322\335\163\024\077\011\202\241
\135\145\116\115\046\342

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "PersonalID Trustworthy RootCA 2011"
Issuer: CN=PersonalID Trustworthy RootCA 2011,OU=Certificate Services,O=PersonalID Ltd.,C=IL
Serial Number:58:cb:f9:64:96:71:74:95:40:f4:ad:08:ac:64:e4:e3
Subject: CN=PersonalID Trustworthy RootCA 2011,OU=Certificate Services,O=PersonalID Ltd.,C=IL
Not Valid Before: Thu Sep 01 08:35:21 2011
Not Valid After: Sun Sep 01 08:45:16 2041
Fingerprint (MD5): 20:3c:23:dc:f6:7a:97:14:0e:5f:48:b4:7d:ad:ac:c8
Fingerprint (SHA1): 43:94:ce:31:26:ff:1a:22:4c:dd:4d:ee:b4:f4:ec:1d:a3:68:ef:6a
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "PersonalID Trustworthy RootCA 2011"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\103\224\316\061\046\377\032\042\114\335\115\356\264\364\354\035
\243\150\357\152
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\040\074\043\334\366\172\227\024\016\137\110\264\175\255\254\310
END
CKA_ISSUER MULTILINE_OCTAL
\060\163\061\013\060\011\006\003\125\004\006\023\002\111\114\061
\030\060\026\006\003\125\004\012\014\017\120\145\162\163\157\156
\141\154\111\104\040\114\164\144\056\061\035\060\033\006\003\125
\004\013\014\024\103\145\162\164\151\146\151\143\141\164\145\040
\123\145\162\166\151\143\145\163\061\053\060\051\006\003\125\004
\003\014\042\120\145\162\163\157\156\141\154\111\104\040\124\162
\165\163\164\167\157\162\164\150\171\040\122\157\157\164\103\101
\040\062\060\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\130\313\371\144\226\161\164\225\100\364\255\010\254\144
\344\343
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

# Microsoft Code Signing Only Certificate
# Certificate "Swedish Government Root Authority v1"
# Issuer: CN=Swedish Government Root Authority v1,O=Swedish Social Insurance Agency,C=SE
# Serial Number:3e:bd:43:96:a3:65:42:a8:49:b6:91:a8:12:51:26:cf
# Subject: CN=Swedish Government Root Authority v1,O=Swedish Social Insurance Agency,C=SE
# Not Valid Before: Wed Apr 14 13:33:23 2010
# Not Valid After: Sun Apr 14 13:43:19 2030
# Fingerprint (MD5): 8f:a9:d7:45:06:57:d0:80:00:cf:96:04:55:8e:64:c4
# Fingerprint (SHA1): 11:e1:9b:bc:74:7b:1a:ed:0d:b8:33:c9:4c:ac:6c:3f:85:bd:eb:db

```

```

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Swedish Government Root Authority v1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\146\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\050\060\046\006\003\125\004\012\023\037\123\167\145\144\151\163
\150\040\123\157\143\151\141\154\040\111\156\163\165\162\141\156

```

\143\145\040\101\147\145\156\143\171\061\055\060\053\006\003\125
\004\003\023\044\123\167\145\144\151\163\150\040\107\157\166\145
\162\156\155\145\156\164\040\122\157\157\164\040\101\165\164\150
\157\162\151\164\171\040\166\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\146\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\050\060\046\006\003\125\004\012\023\037\123\167\145\144\151\163
\150\040\123\157\143\151\141\154\040\111\156\163\165\162\141\156
\143\145\040\101\147\145\156\143\171\061\055\060\053\006\003\125
\004\003\023\044\123\167\145\144\151\163\150\040\107\157\166\145
\162\156\155\145\156\164\040\122\157\157\164\040\101\165\164\150
\157\162\151\164\171\040\166\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\076\275\103\226\243\145\102\250\111\266\221\250\022\121
\046\317

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\255\060\202\002\225\240\003\002\001\002\002\020\076
\275\103\226\243\145\102\250\111\266\221\250\022\121\046\317\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\146
\061\013\060\011\006\003\125\004\006\023\002\123\105\061\050\060
\046\006\003\125\004\012\023\037\123\167\145\144\151\163\150\040
\123\157\143\151\141\154\040\111\156\163\165\162\141\156\143\145
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\013\063\027\306\353\262\352\202\362\366\103\166\034\274\061\223
\060\235\351\110\142\016\076\103\073\254\051\314\224\340\053\154
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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Swedish Government Root Authority v1"
Issuer: CN=Swedish Government Root Authority v1,O=Swedish Social Insurance Agency,C=SE
Serial Number:3e:bd:43:96:a3:65:42:a8:49:b6:91:a8:12:51:26:cf
Subject: CN=Swedish Government Root Authority v1,O=Swedish Social Insurance Agency,C=SE
Not Valid Before: Wed Apr 14 13:33:23 2010
Not Valid After: Sun Apr 14 13:43:19 2030
Fingerprint (MD5): 8f:a9:d7:45:06:57:d0:80:00:cf:96:04:55:8e:64:c4
Fingerprint (SHA1): 11:e1:9b:bc:74:7b:1a:ed:0d:b8:33:c9:4c:ac:6c:3f:85:bd:eb:db
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE

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CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Swedish Government Root Authority v1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\021\341\233\274\164\173\032\355\015\270\063\311\114\254\154\077
\205\275\353\333
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\217\251\327\105\006\127\320\200\000\317\226\004\125\216\144\304
END
CKA_ISSUER MULTILINE_OCTAL
\060\146\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\050\060\046\006\003\125\004\012\023\037\123\167\145\144\151\163
\150\040\123\157\143\151\141\154\040\111\156\163\165\162\141\156
\143\145\040\101\147\145\156\143\171\061\055\060\053\006\003\125
\004\003\023\044\123\167\145\144\151\163\150\040\107\157\166\145
\162\156\155\145\156\164\040\122\157\157\164\040\101\165\164\150
\157\162\151\164\171\040\166\061
END
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\046\317
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CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
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Microsoft Code Signing Only Certificate

Certificate "Swiss Government Root CA II"

Issuer: CN=Swiss Government Root CA II,OU=Certification Authorities,OU=Services,O=The Federal Authorities of the Swiss Confederation,C=CH

Serial Number:0e:9f:17:99:a5:b1:3d:9c:cb:ec:06:eb:a3:f0:0e:69

Subject: CN=Swiss Government Root CA II,OU=Certification Authorities,OU=Services,O=The Federal Authorities of the Swiss Confederation,C=CH

Not Valid Before: Wed Feb 16 09:00:00 2011

Not Valid After: Fri Feb 16 08:59:59 2035

Fingerprint (MD5): 30:b0:e4:cf:bf:f5:89:dc:bf:52:2d:88:1c:cb:aa:b3

Fingerprint (SHA1): c7:f7:cb:e2:02:36:66:f9:86:02:5d:4a:3e:31:3f:29:eb:0c:5b:38

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CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
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CKA_TOKEN CK_BBOOL CK_TRUE
```

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CKA_PRIVATE CK_BBOOL CK_FALSE
```

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CKA_MODIFIABLE CK_BBOOL CK_FALSE
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CKA_LABEL UTF8 "Swiss Government Root CA II"
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CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
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CKA_SUBJECT MULTILINE_OCTAL
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\145\163\040\157\146\040\164\150\145\040\123\167\151\163\163\040
\103\157\156\146\145\144\145\162\141\164\151\157\156\061\021\060
\017\006\003\125\004\013\023\010\123\145\162\166\151\143\145\163
\061\042\060\040\006\003\125\004\013\023\031\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\151\145\163\061\044\060\042\006\003\125\004\003\023\033\123
\167\151\163\163\040\107\157\166\145\162\156\155\145\156\164\040
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END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

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\145\144\145\162\141\154\040\101\165\164\150\157\162\151\164\151
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\017\006\003\125\004\013\023\010\123\145\162\166\151\143\145\163
\061\042\060\040\006\003\125\004\013\023\031\103\145\162\164\151
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CKA_SERIAL_NUMBER MULTILINE_OCTAL

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\016\151

END

CKA_VALUE MULTILINE_OCTAL

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\154\104\255\274\325\034\143\070\075\311\063\246\373\274\050\067
\104\106\343\172\142\372\200\110\065\342\236\033\210\031\114\263
\101\375\356\167\340\131\200\032\141\036\065\244\101\172\263\301
\215\104\351\305\041\131\351\254\323\104\312\166\205\066\024\106
\012\036\026\064\246\304\064\167\303\202\070\110\041\002\376\022
\154\332\327\352\260\354\366\315\054\314\363\233\012\143\200\323
\365\013\175\004\055\204\015\302\331\114\053\227\361\325\124\367
\217\263\012\342\275\130\074\231\362\257\071\033\220\371\073\347
\267\105\347\132\152\175\301\237\024\157\060\127\230\031\240\007
\103\353\356\321\010\206\327\111\234\022\012\000\073\017\247\101
\261\112\253\220\263\324\275\011\347\210\017\236\044\016\053\373
\141\075\125\231\323\130\344\270\307\175\364\025\115\145\016\030
\171\101\311\273\351\232\301\131\030\104\064\142\325\350\070\173
\312\205\030\230\206\171\315\175\272\107\333\225
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Swiss Government Root CA II"
# Issuer: CN=Swiss Government Root CA II,OU=Certification Authorities,OU=Services,O=The Federal Authorities
of the Swiss Confederation,C=CH
# Serial Number:0e:9f:17:99:a5:b1:3d:9c:cb:ec:06:eb:a3:f0:0e:69
# Subject: CN=Swiss Government Root CA II,OU=Certification Authorities,OU=Services,O=The Federal
Authorities of the Swiss Confederation,C=CH
# Not Valid Before: Wed Feb 16 09:00:00 2011
# Not Valid After: Fri Feb 16 08:59:59 2035
# Fingerprint (MD5): 30:b0:e4:cf:bf:f5:89:dc:bf:52:2d:88:1c:cb:aa:b3
# Fingerprint (SHA1): c7:f7:cb:e2:02:36:66:f9:86:02:5d:4a:3e:31:3f:29:eb:0c:5b:38
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Swiss Government Root CA II"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\307\367\313\342\002\066\146\371\206\002\135\112\076\061\077\051
\353\014\133\070
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\060\260\344\317\277\365\211\334\277\122\055\210\034\313\252\263
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\073\060\071\006\003\125\004\012\023\062\124\150\145\040\106
```

```
\145\144\145\162\141\154\040\101\165\164\150\157\162\151\164\151
\145\163\040\157\146\040\164\150\145\040\123\167\151\163\163\040
\103\157\156\146\145\144\145\162\141\164\151\157\156\061\021\060
\017\006\003\125\004\013\023\010\123\145\162\166\151\143\145\163
\061\042\060\040\006\003\125\004\013\023\031\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\151\145\163\061\044\060\042\006\003\125\004\003\023\033\123
\167\151\163\163\040\107\157\166\145\162\156\155\145\156\164\040
\122\157\157\164\040\103\101\040\111\111
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\016\237\027\231\245\261\075\234\313\354\006\353\243\360
\016\151
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Swiss Government Root CA I"

Issuer: CN=Swiss Government Root CA I,OU=Certification Authorities,OU=Services,O=The Federal Authorities
of the Swiss Confederation,C=CH

Serial Number:fd:75:04:8d:7a:60:86:93:69:4c:aa:00:3c:65:d3:3d

Subject: CN=Swiss Government Root CA I,OU=Certification Authorities,OU=Services,O=The Federal
Authorities of the Swiss Confederation,C=CH

Not Valid Before: Tue Feb 15 09:00:00 2011

Not Valid After: Thu Feb 15 08:59:59 2035

Fingerprint (MD5): c7:c9:da:9b:76:e1:ac:86:6b:34:bd:03:3f:e3:cf:d2

Fingerprint (SHA1): a1:58:51:87:15:65:86:ce:f9:c4:54:e2:2a:b1:5c:58:74:56:07:b4

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Swiss Government Root CA I"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\246\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\073\060\071\006\003\125\004\012\023\062\124\150\145\040\106
\145\144\145\162\141\154\040\101\165\164\150\157\162\151\164\151
\145\163\040\157\146\040\164\150\145\040\123\167\151\163\163\040
\103\157\156\146\145\144\145\162\141\164\151\157\156\061\021\060
\017\006\003\125\004\013\023\010\123\145\162\166\151\143\145\163
\061\042\060\040\006\003\125\004\013\023\031\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\151\145\163\061\043\060\041\006\003\125\004\003\023\032\123
\167\151\163\163\040\107\157\166\145\162\156\155\145\156\164\040
\122\157\157\164\040\103\101\040\111
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\246\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\073\060\071\006\003\125\004\012\023\062\124\150\145\040\106
\145\144\145\162\141\154\040\101\165\164\150\157\162\151\164\151
\145\163\040\157\146\040\164\150\145\040\123\167\151\163\163\040
\103\157\156\146\145\144\145\162\141\164\151\157\156\061\021\060
\017\006\003\125\004\013\023\010\123\145\162\166\151\143\145\163
\061\042\060\040\006\003\125\004\013\023\031\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\151\145\163\061\043\060\041\006\003\125\004\003\023\032\123
\167\151\163\163\040\107\157\166\145\162\156\155\145\156\164\040
\122\157\157\164\040\103\101\040\111

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\021\000\375\165\004\215\172\140\206\223\151\114\252\000\074
\145\323\075

END

CKA_VALUE MULTILINE_OCTAL

\060\202\010\064\060\202\006\034\240\003\002\001\002\002\021\000
\375\165\004\215\172\140\206\223\151\114\252\000\074\145\323\075
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\246\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\073\060\071\006\003\125\004\012\023\062\124\150\145\040\106\145
\144\145\162\141\154\040\101\165\164\150\157\162\151\164\151\145
\163\040\157\146\040\164\150\145\040\123\167\151\163\163\040\103
\157\156\146\145\144\145\162\141\164\151\157\156\061\021\060\017
\006\003\125\004\013\023\010\123\145\162\166\151\143\145\163\061
\042\060\040\006\003\125\004\013\023\031\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\151\145\163\061\043\060\041\006\003\125\004\003\023\032\123\167
\151\163\163\040\107\157\166\145\162\156\155\145\156\164\040\122
\157\157\164\040\103\101\040\111\060\036\027\015\061\061\060\062
\061\065\060\071\060\060\060\060\132\027\015\063\065\060\062\061
\065\060\070\065\071\065\071\132\060\201\246\061\013\060\011\006
\003\125\004\006\023\002\103\110\061\073\060\071\006\003\125\004
\012\023\062\124\150\145\040\106\145\144\145\162\141\154\040\101
\165\164\150\157\162\151\164\151\145\163\040\157\146\040\164\150
\145\040\123\167\151\163\163\040\103\157\156\146\145\144\145\162
\141\164\151\157\156\061\021\060\017\006\003\125\004\013\023\010
\123\145\162\166\151\143\145\163\061\042\060\040\006\003\125\004
\013\023\031\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\151\145\163\061\043\060\041
\006\003\125\004\003\023\032\123\167\151\163\163\040\107\157\166
\145\162\156\155\145\156\164\040\122\157\157\164\040\103\101\040
\111\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002

\001\000\310\016\162\364\001\057\206\173\013\302\143\260\215\150
\355\037\075\336\271\203\233\134\241\135\272\017\066\047\021\004
\255\006\124\040\267\036\240\346\316\276\360\231\151\162\031\065
\144\146\061\215\054\275\216\102\012\237\306\312\251\220\054\332
\274\205\060\003\331\062\226\226\360\276\240\042\015\044\154\324
\306\177\132\114\121\044\055\124\162\010\174\063\351\314\050\307
\146\145\043\151\153\225\264\353\276\343\207\347\143\327\344\373
\007\255\022\222\353\347\344\012\103\262\251\337\307\220\274\046
\133\221\371\243\267\207\234\224\271\020\215\210\305\130\134\062
\274\026\354\016\127\117\376\247\223\170\217\340\305\071\273\007
\210\140\301\124\145\353\207\276\237\061\227\161\074\372\213\310
\203\154\122\226\340\254\300\357\313\151\010\225\133\340\340\273
\257\047\244\302\027\361\121\237\204\166\141\330\044\342\376\141
\155\144\065\111\352\071\304\041\142\275\314\342\002\377\110\153
\070\257\151\307\271\222\055\202\021\215\275\013\211\205\052\352
\267\264\262\315\113\353\321\372\252\360\340\114\011\074\115\337
\366\061\035\206\060\250\101\210\127\160\054\047\121\336\317\213
\116\077\002\362\120\245\027\340\147\033\162\014\101\061\037\001
\242\226\076\074\333\002\266\235\224\346\002\116\363\360\031\202
\262\010\043\023\353\221\315\121\323\252\106\302\163\230\230\077
\272\303\356\232\374\372\315\257\162\012\067\023\217\371\240\120
\263\352\373\077\054\274\372\143\125\065\364\322\274\270\161\322
\221\353\351\312\312\134\354\121\146\250\236\131\005\042\057\243
\032\333\117\340\105\142\043\074\135\125\373\060\225\053\064\242
\317\247\264\113\300\063\311\064\121\235\323\263\053\337\305\352
\054\054\307\337\104\037\266\215\271\376\363\134\315\067\057\260
\154\234\112\010\275\350\365\326\372\160\345\151\062\067\134\137
\013\313\077\344\210\002\314\312\263\170\057\175\277\110\263\041
\260\037\210\171\233\132\212\161\330\041\204\051\017\112\004\061
\052\275\015\041\104\316\164\235\046\323\111\035\370\206\250\345
\022\167\305\300\163\014\120\203\152\220\153\241\312\370\320\225
\331\065\206\307\021\243\073\024\307\313\206\130\126\015\373\203
\367\001\002\003\001\000\001\243\202\002\131\060\202\002\125\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\201\233\006\003\125\035\040\004\201\223\060\201\220\060\201
\215\006\010\140\205\164\001\021\003\001\000\060\201\200\060\103
\006\010\053\006\001\005\005\007\002\001\026\067\150\164\164\160
\072\057\057\167\167\167\056\160\153\151\056\141\144\155\151\156
\056\143\150\057\143\160\163\057\103\120\123\137\062\137\061\066
\137\067\065\066\137\061\137\061\067\137\063\137\061\137\060\056
\160\144\146\060\071\006\010\053\006\001\005\005\007\002\002\060
\055\032\053\124\150\151\163\040\151\163\040\164\150\145\040\123
\167\151\163\163\040\107\157\166\145\162\156\155\145\156\164\040
\122\157\157\164\040\103\101\040\111\040\103\120\123\056\060\201
\216\006\003\125\035\037\004\201\206\060\201\203\060\201\200\240
\176\240\174\206\172\154\144\141\160\072\057\057\141\144\155\151
\156\144\151\162\056\141\144\155\151\156\056\143\150\072\063\070
\071\057\143\156\075\123\167\151\163\163\045\062\060\107\157\166

\145\162\156\155\145\156\164\045\062\060\122\157\157\164\045\062
\060\103\101\045\062\060\111\054\157\165\075\103\145\162\164\151
\146\151\143\141\164\151\157\156\045\062\060\101\165\164\150\157
\162\151\164\151\145\163\054\157\165\075\123\145\162\166\151\143
\145\163\054\157\075\101\144\155\151\156\054\143\075\103\110\060
\035\006\003\125\035\016\004\026\004\024\265\033\203\273\073\117
\262\322\373\345\003\216\324\141\135\321\032\216\260\242\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201
\343\006\003\125\035\043\004\201\333\060\201\330\200\024\265\033
\203\273\073\117\262\322\373\345\003\216\324\141\135\321\032\216
\260\242\241\201\254\244\201\251\060\201\246\061\013\060\011\006
\003\125\004\006\023\002\103\110\061\073\060\071\006\003\125\004
\012\023\062\124\150\145\040\106\145\144\145\162\141\154\040\101
\165\164\150\157\162\151\164\151\145\163\040\157\146\040\164\150
\145\040\123\167\151\163\163\040\103\157\156\146\145\144\145\162
\141\164\151\157\156\061\021\060\017\006\003\125\004\013\023\010
\123\145\162\166\151\143\145\163\061\042\060\040\006\003\125\004
\013\023\031\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\151\145\163\061\043\060\041
\006\003\125\004\003\023\032\123\167\151\163\163\040\107\157\166
\145\162\156\155\145\156\164\040\122\157\157\164\040\103\101\040
\111\202\021\000\375\165\004\215\172\140\206\223\151\114\252\000
\074\145\323\075\060\015\006\011\052\206\110\206\367\015\001\001
\013\005\000\003\202\002\001\000\045\332\337\170\260\046\334\237
\231\353\063\234\311\105\272\134\143\122\215\156\003\163\252\164
\110\305\015\013\322\027\014\054\013\322\306\045\203\324\124\315
\007\201\124\057\147\166\045\247\351\327\177\226\107\167\244\035
\233\105\377\361\330\366\236\107\016\164\214\023\304\362\276\326
\007\050\030\074\230\165\301\333\353\222\210\046\346\006\144\216
\371\322\375\342\231\065\201\321\330\165\027\265\163\352\335\350
\030\042\225\026\031\012\131\052\042\334\206\132\103\117\045\150
\066\251\330\223\000\217\136\305\303\141\206\360\322\024\011\225
\121\304\176\330\122\356\260\215\212\210\161\245\327\050\247\364
\334\006\130\045\136\304\125\030\010\225\164\174\270\001\347\116
\330\326\366\174\040\103\110\015\243\340\336\124\304\250\137\000
\111\103\323\105\073\202\145\156\356\213\243\001\042\126\232\361
\316\051\345\014\304\153\355\347\116\370\261\125\201\255\161\377
\204\373\010\127\346\107\312\255\207\370\106\370\372\360\065\204
\355\264\330\210\227\042\167\244\217\026\310\074\147\321\341\156
\004\254\173\217\066\315\336\245\010\254\052\215\365\247\035\237
\307\303\221\041\102\243\206\201\271\052\330\261\351\070\035\124
\010\230\071\012\021\312\062\016\063\315\364\114\352\250\112\006
\351\030\076\101\306\317\240\366\340\053\153\040\216\247\040\002
\353\060\101\201\260\350\344\256\244\030\211\053\337\024\360\022
\051\155\170\372\115\104\373\262\064\345\257\363\216\065\367\303
\316\054\013\030\264\320\171\217\023\277\003\213\146\270\265\141
\324\254\016\375\170\075\011\255\265\322\054\117\126\101\231\210
\104\014\176\147\343\144\237\372\132\052\130\167\121\151\261\315

```
\054\232\247\064\020\005\164\372\156\105\143\313\213\122\255\107
\221\242\022\310\242\046\004\305\320\042\036\003\263\262\222\067
\124\127\375\211\203\165\003\155\055\073\263\361\244\242\020\174
\234\223\215\243\120\204\071\213\225\131\101\366\002\166\006\212
\274\016\220\347\331\072\353\255\046\136\127\123\321\157\310\165
\340\253\221\173\153\241\177\371\033\120\250\334\376\115\006\341
\025\212\244\020\353\036\006\317\124\110\025\226\050\266\043\037
\032\343\174\245\217\372\067\127
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Swiss Government Root CA I"

Issuer: CN=Swiss Government Root CA I,OU=Certification Authorities,OU=Services,O=The Federal Authorities of the Swiss Confederation,C=CH

Serial Number:fd:75:04:8d:7a:60:86:93:69:4c:aa:00:3c:65:d3:3d

Subject: CN=Swiss Government Root CA I,OU=Certification Authorities,OU=Services,O=The Federal Authorities of the Swiss Confederation,C=CH

Not Valid Before: Tue Feb 15 09:00:00 2011

Not Valid After: Thu Feb 15 08:59:59 2035

Fingerprint (MD5): c7:c9:da:9b:76:e1:ac:86:6b:34:bd:03:3f:e3:cf:d2

Fingerprint (SHA1): a1:58:51:87:15:65:86:ce:f9:c4:54:e2:2a:b1:5c:58:74:56:07:b4

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Swiss Government Root CA I"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\241\130\121\207\025\145\206\316\371\304\124\342\052\261\134\130
\164\126\007\264
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\307\311\332\233\166\341\254\206\153\064\275\003\077\343\317\322
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\246\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\073\060\071\006\003\125\004\012\023\062\124\150\145\040\106
\145\144\145\162\141\154\040\101\165\164\150\157\162\151\164\151
\145\163\040\157\146\040\164\150\145\040\123\167\151\163\163\040
\103\157\156\146\145\144\145\162\141\164\151\157\156\061\021\060
\017\006\003\125\004\013\023\010\123\145\162\166\151\143\145\163
\061\042\060\040\006\003\125\004\013\023\031\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\151\145\163\061\043\060\041\006\003\125\004\003\023\032\123
\167\151\163\163\040\107\157\166\145\162\156\155\145\156\164\040
\122\157\157\164\040\103\101\040\111
```

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END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\375\165\004\215\172\140\206\223\151\114\252\000\074
\145\323\075
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "LuxTrust Global Root"
# Issuer: CN=LuxTrust Global Root,O=LuxTrust s.a.,C=LU
# Serial Number: 3000 (0xbb8)
# Subject: CN=LuxTrust Global Root,O=LuxTrust s.a.,C=LU
# Not Valid Before: Thu Mar 17 09:51:37 2011
# Not Valid After: Wed Mar 17 09:51:37 2021
# Fingerprint (MD5): 42:a5:21:7a:4c:af:c7:bf:fd:a7:f5:b2:10:4c:3e:be
# Fingerprint (SHA1): c9:3c:34:ea:90:d9:13:0c:0f:03:00:4b:98:bd:8b:35:70:91:56:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "LuxTrust Global Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\114\125\061
\026\060\024\006\003\125\004\012\023\015\114\165\170\124\162\165
\163\164\040\163\056\141\056\061\035\060\033\006\003\125\004\003
\023\024\114\165\170\124\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\114\125\061
\026\060\024\006\003\125\004\012\023\015\114\165\170\124\162\165
\163\164\040\163\056\141\056\061\035\060\033\006\003\125\004\003
\023\024\114\165\170\124\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\013\270
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\144\060\202\002\114\240\003\002\001\002\002\002\013
\270\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\060\104\061\013\060\011\006\003\125\004\006\023\002\114\125\061
\026\060\024\006\003\125\004\012\023\015\114\165\170\124\162\165

```

\163\164\040\163\056\141\056\061\035\060\033\006\003\125\004\003
\023\024\114\165\170\124\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164\060\036\027\015\061\061\060\063\061\067
\060\071\065\061\063\067\132\027\015\062\061\060\063\061\067\060
\071\065\061\063\067\132\060\104\061\013\060\011\006\003\125\004
\006\023\002\114\125\061\026\060\024\006\003\125\004\012\023\015
\114\165\170\124\162\165\163\164\040\163\056\141\056\061\035\060
\033\006\003\125\004\003\023\024\114\165\170\124\162\165\163\164
\040\107\154\157\142\141\154\040\122\157\157\164\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\262\177\247
\100\360\042\312\014\366\353\261\361\313\016\225\127\100\165\257
\240\077\076\316\354\252\062\127\346\031\261\147\103\230\132\153
\174\263\270\372\170\234\252\246\204\262\140\033\200\101\316\143
\315\037\027\010\231\244\365\357\076\022\307\114\260\127\232\134
\170\100\170\374\105\215\332\221\147\334\072\121\271\155\163\346
\267\071\216\166\072\264\037\005\365\151\125\371\223\317\170\210
\112\276\252\233\327\173\107\133\106\004\114\202\026\246\065\366
\374\164\337\326\264\257\330\342\265\047\021\164\131\242\302\146
\054\150\012\341\230\210\210\074\212\005\165\024\343\270\256\363
\010\204\233\152\301\077\061\030\257\047\245\113\233\244\375\171
\061\336\230\075\016\141\312\207\230\301\370\212\060\234\372\076
\063\325\245\304\003\007\341\367\226\164\030\000\047\070\047\321
\053\252\252\341\101\105\213\157\361\045\302\334\242\227\225\307
\102\024\063\135\171\204\043\152\347\145\300\127\240\330\135\251
\143\001\347\260\344\213\350\370\305\143\270\345\154\164\220\075
\307\167\374\053\272\171\351\244\306\022\170\247\377\002\003\001
\000\001\243\140\060\136\060\014\006\003\125\035\023\004\005\060
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\037\006\003\125\035\043\004\030\060\026\200
\024\027\025\205\211\011\057\044\207\157\077\035\033\344\362\226
\171\203\110\023\316\060\035\006\003\125\035\016\004\026\004\024
\027\025\205\211\011\057\044\207\157\077\035\033\344\362\226\171
\203\110\023\316\060\015\006\011\052\206\110\206\367\015\001\001
\013\005\000\003\202\001\001\000\132\360\034\320\324\120\317\101
\176\346\270\235\175\303\160\320\136\066\377\156\216\172\057\336
\110\021\325\064\056\074\267\105\302\124\045\247\341\301\036\067
\203\266\224\256\266\105\110\003\352\225\276\353\234\152\264\067
\134\037\056\323\153\202\201\103\133\012\077\021\125\143\254\372
\174\010\002\067\240\074\071\004\063\376\227\062\310\122\345\331
\045\115\260\306\356\150\037\160\252\163\316\127\003\334\175\012
\015\063\362\322\132\337\012\154\073\314\021\121\227\032\244\041
\242\205\065\002\327\200\042\322\204\262\370\300\252\150\277\325
\353\252\303\013\253\241\174\053\367\365\073\207\341\124\127\354
\005\044\357\171\102\116\363\213\150\237\344\156\313\202\231\311
\314\052\334\123\302\037\160\203\253\041\017\126\264\110\377\337
\007\042\263\214\371\035\246\004\337\055\003\066\271\335\157\376
\061\210\146\377\154\155\104\064\257\010\167\076\046\322\162\364

```
\273\107\126\223\074\230\143\341\063\273\231\043\222\265\203\171
\350\035\237\147\255\142\326\211\326\366\374\047\336\062\047\313
\204\332\167\205\041\241\022\041
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "LuxTrust Global Root"

Issuer: CN=LuxTrust Global Root,O=LuxTrust s.a.,C=LU

Serial Number: 3000 (0xbb8)

Subject: CN=LuxTrust Global Root,O=LuxTrust s.a.,C=LU

Not Valid Before: Thu Mar 17 09:51:37 2011

Not Valid After: Wed Mar 17 09:51:37 2021

Fingerprint (MD5): 42:a5:21:7a:4c:af:c7:bf:fd:a7:f5:b2:10:4c:3e:be

Fingerprint (SHA1): c9:3c:34:ea:90:d9:13:0c:0f:03:00:4b:98:bd:8b:35:70:91:56:11

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "LuxTrust Global Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\311\074\064\352\220\331\023\014\017\003\000\113\230\275\213\065
\160\221\126\021
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\102\245\041\172\114\257\307\277\375\247\365\262\020\114\076\276
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\104\061\013\060\011\006\003\125\004\006\023\002\114\125\061
\026\060\024\006\003\125\004\012\023\015\114\165\170\124\162\165
\163\164\040\163\056\141\056\061\035\060\033\006\003\125\004\003
\023\024\114\165\170\124\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\002\013\270
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Certificate "AC1 RAIZ MTIN"

Issuer: C=ES,L=MADRID,O=MINISTERIO DE TRABAJO E INMIGRACION,OU=SUBDIRECCION
GENERAL DE PROCESO DE DATOS,OU=PRESTADOR DE SERVICIOS DE CERTIFICACION

```
MTIN,2.5.4.5=S2819001E,CN=AC1 RAIZ MTIN
# Serial Number:05:0b:41:5e:82:7b
# Subject: C=ES,L=MADRID,O=MINISTERIO DE TRABAJO E INMIGRACION,OU=SUBDIRECCION
GENERAL DE PROCESO DE DATOS,OU=PRESTADOR DE SERVICIOS DE CERTIFICACION
MTIN,2.5.4.5=S2819001E,CN=AC1 RAIZ MTIN
# Not Valid Before: Thu Nov 05 16:17:45 2009
# Not Valid After: Sun Nov 03 16:17:45 2019
# Fingerprint (MD5): 27:13:d5:2c:70:06:3e:15:7b:d3:62:59:32:ea:01:05
# Fingerprint (SHA1): 6a:d2:3b:9d:c4:8e:37:5f:85:9a:d9:ca:b5:85:32:5c:23:89:40:71
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC1 RAIZ MTIN"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\342\061\026\060\024\006\003\125\004\003\023\015\101\103
\061\040\122\101\111\132\040\115\124\111\116\061\022\060\020\006
\003\125\004\005\023\011\123\062\070\061\071\060\060\061\105\061
\065\060\063\006\003\125\004\013\023\054\120\122\105\123\124\101
\104\117\122\040\104\105\040\123\105\122\126\111\103\111\117\123
\040\104\105\040\103\105\122\124\111\106\111\103\101\103\111\117
\116\040\115\124\111\116\061\061\060\057\006\003\125\004\013\023
\050\123\125\102\104\111\122\105\103\103\111\117\116\040\107\105
\116\105\122\101\114\040\104\105\040\120\122\117\103\105\123\117
\040\104\105\040\104\101\124\117\123\061\054\060\052\006\003\125
\004\012\023\043\115\111\116\111\123\124\105\122\111\117\040\104
\105\040\124\122\101\102\101\112\117\040\105\040\111\116\115\111
\107\122\101\103\111\117\116\061\017\060\015\006\003\125\004\007
\023\006\115\101\104\122\111\104\061\013\060\011\006\003\125\004
\006\023\002\105\123
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\342\061\026\060\024\006\003\125\004\003\023\015\101\103
\061\040\122\101\111\132\040\115\124\111\116\061\022\060\020\006
\003\125\004\005\023\011\123\062\070\061\071\060\060\061\105\061
\065\060\063\006\003\125\004\013\023\054\120\122\105\123\124\101
\104\117\122\040\104\105\040\123\105\122\126\111\103\111\117\123
\040\104\105\040\103\105\122\124\111\106\111\103\101\103\111\117
\116\040\115\124\111\116\061\061\060\057\006\003\125\004\013\023
\050\123\125\102\104\111\122\105\103\103\111\117\116\040\107\105
\116\105\122\101\114\040\104\105\040\120\122\117\103\105\123\117
\040\104\105\040\104\101\124\117\123\061\054\060\052\006\003\125
\004\012\023\043\115\111\116\111\123\124\105\122\111\117\040\104
\105\040\124\122\101\102\101\112\117\040\105\040\111\116\115\111
\107\122\101\103\111\117\116\061\017\060\015\006\003\125\004\007
\023\006\115\101\104\122\111\104\061\013\060\011\006\003\125\004
```

\006\023\002\105\123

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\006\005\013\101\136\202\173

END

CKA_VALUE MULTILINE_OCTAL

\060\202\011\111\060\202\007\061\240\003\002\001\002\002\006\005
\013\101\136\202\173\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\060\201\342\061\026\060\024\006\003\125\004\003
\023\015\101\103\061\040\122\101\111\132\040\115\124\111\116\061
\022\060\020\006\003\125\004\005\023\011\123\062\070\061\071\060
\060\061\105\061\065\060\063\006\003\125\004\013\023\054\120\122
\105\123\124\101\104\117\122\040\104\105\040\123\105\122\126\111
\103\111\117\123\040\104\105\040\103\105\122\124\111\106\111\103
\101\103\111\117\116\040\115\124\111\116\061\061\060\057\006\003
\125\004\013\023\050\123\125\102\104\111\122\105\103\103\111\117
\116\040\107\105\116\105\122\101\114\040\104\105\040\120\122\117
\103\105\123\117\040\104\105\040\104\101\124\117\123\061\054\060
\052\006\003\125\004\012\023\043\115\111\116\111\123\124\105\122
\111\117\040\104\105\040\124\122\101\102\101\112\117\040\105\040
\111\116\115\111\107\122\101\103\111\117\116\061\017\060\015\006
\003\125\004\007\023\006\115\101\104\122\111\104\061\013\060\011
\006\003\125\004\006\023\002\105\123\060\036\027\015\060\071\061
\061\060\065\061\066\061\067\064\065\132\027\015\061\071\061\061
\060\063\061\066\061\067\064\065\132\060\201\342\061\026\060\024
\006\003\125\004\003\023\015\101\103\061\040\122\101\111\132\040
\115\124\111\116\061\022\060\020\006\003\125\004\005\023\011\123
\062\070\061\071\060\060\061\105\061\065\060\063\006\003\125\004
\013\023\054\120\122\105\123\124\101\104\117\122\040\104\105\040
\123\105\122\126\111\103\111\117\123\040\104\105\040\103\105\122
\124\111\106\111\103\101\103\111\117\116\040\115\124\111\116\061
\061\060\057\006\003\125\004\013\023\050\123\125\102\104\111\122
\105\103\103\111\117\116\040\107\105\116\105\122\101\114\040\104
\105\040\120\122\117\103\105\123\117\040\104\105\040\104\101\124
\117\123\061\054\060\052\006\003\125\004\012\023\043\115\111\116
\111\123\124\105\122\111\117\040\104\105\040\124\122\101\102\101
\112\117\040\105\040\111\116\115\111\107\122\101\103\111\117\116
\061\017\060\015\006\003\125\004\007\023\006\115\101\104\122\111
\104\061\013\060\011\006\003\125\004\006\023\002\105\123\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\334
\315\315\261\277\336\045\365\377\034\063\163\231\074\033\241\155
\365\240\304\175\233\070\146\215\011\337\003\154\127\065\264\023
\101\376\343\137\346\042\004\130\030\271\116\151\063\004\077\225
\307\331\116\377\063\064\247\062\100\062\223\127\376\201\257\045
\103\134\035\375\173\127\013\142\010\147\147\142\264\343\345\130
\045\200\346\252\206\142\100\347\117\020\141\051\111\046\253\115
\174\241\253\133\141\061\201\006\152\144\224\115\047\370\113\036

\321\325\103\342\327\261\155\366\366\377\264\160\125\366\010\231
\267\164\001\340\363\236\265\174\344\004\210\010\120\131\170\037
\032\224\333\357\310\311\211\323\067\270\363\075\206\321\031\313
\203\132\020\007\010\117\231\164\002\007\360\062\121\310\373\346
\320\074\046\166\175\162\176\254\166\067\301\212\165\040\134\100
\334\204\077\320\111\174\115\147\256\071\357\344\316\200\341\312
\235\346\055\253\056\346\022\225\332\371\373\337\343\342\214\075
\207\373\105\156\104\253\366\170\222\047\024\241\135\153\117\160
\173\127\163\357\371\135\250\017\165\237\357\021\140\031\204\260
\144\100\356\330\251\206\372\245\327\105\364\021\157\361\206\310
\064\133\210\110\316\272\335\315\233\335\210\343\001\066\350\254
\152\350\022\013\260\340\173\220\036\205\013\111\211\001\366\377
\202\337\130\145\042\203\110\326\007\320\034\146\374\146\050\072
\304\303\345\370\231\145\047\122\130\363\153\361\157\002\104\204
\165\320\244\343\150\123\141\162\357\366\057\251\263\254\365\364
\366\320\134\334\151\114\314\171\322\244\033\310\163\006\064\164
\264\361\152\312\051\050\307\064\204\133\043\330\272\000\214\314
\011\301\307\157\135\004\253\267\117\046\167\251\065\317\040\326
\263\377\061\151\320\064\373\045\354\150\226\012\242\335\203\037
\312\074\217\164\066\045\124\357\365\030\173\302\044\061\321\373
\202\004\256\004\202\326\365\002\051\161\341\222\161\164\216\333
\252\161\035\304\073\306\142\046\154\206\074\043\125\353\051\321
\037\253\312\036\143\347\263\163\264\247\270\052\072\366\037\373
\207\145\210\374\363\237\376\277\353\325\035\266\250\003\351\145
\203\031\214\340\030\355\027\330\034\015\075\234\212\130\177\002
\003\001\000\001\243\202\003\001\060\202\002\375\060\067\006\010
\053\006\001\005\005\007\001\001\004\053\060\051\060\047\006\010
\053\006\001\005\005\007\060\001\206\033\150\164\164\160\072\057
\057\143\141\056\155\164\151\156\056\145\163\057\155\164\151\156
\057\157\143\163\160\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\033\006\003\125\035\021\004\024\060\022
\201\020\141\144\155\151\156\137\143\141\100\155\164\151\156\056
\145\163\060\033\006\003\125\035\022\004\024\060\022\201\020\141
\144\155\151\156\137\143\141\100\155\164\151\156\056\145\163\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\162\006\003\125\035\037\004\153\060\151\060\062\240\060\240
\056\206\054\150\164\164\160\072\057\057\143\141\056\155\164\151
\156\056\145\163\057\155\164\151\156\057\143\162\154\057\115\124
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\122\141\151\172\060\201\271\006\003\125\035\040\004\201\261\060
\201\256\060\201\253\006\013\053\006\001\004\001\201\331\005\002
\004\001\060\201\233\060\060\006\010\053\006\001\005\005\007\002
\001\026\044\150\164\164\160\072\057\057\143\141\056\155\164\151
\156\056\145\163\057\155\164\151\156\057\104\120\103\171\120\157
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\144\157\040\162\141\355\172\056\040\103\157\156\163\165\154\164
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\151\156\057\104\120\103\171\120\157\154\151\164\151\143\141\163
\060\035\006\003\125\035\016\004\026\004\024\063\103\030\263\304
\113\035\313\037\371\360\116\374\337\112\344\025\140\310\203\060
\202\001\026\006\003\125\035\043\004\202\001\015\060\202\001\011
\200\024\063\103\030\263\304\113\035\313\037\371\360\116\374\337
\112\344\025\140\310\203\241\201\350\244\201\345\060\201\342\061
\026\060\024\006\003\125\004\003\023\015\101\103\061\040\122\101
\111\132\040\115\124\111\116\061\022\060\020\006\003\125\004\005
\023\011\123\062\070\061\071\060\060\061\105\061\065\060\063\006
\003\125\004\013\023\054\120\122\105\123\124\101\104\117\122\040
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\103\105\122\124\111\106\111\103\101\103\111\117\116\040\115\124
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\104\111\122\105\103\103\111\117\116\040\107\105\116\105\122\101
\114\040\104\105\040\120\122\117\103\105\123\117\040\104\105\040
\104\101\124\117\123\061\054\060\052\006\003\125\004\012\023\043
\115\111\116\111\123\124\105\122\111\117\040\104\105\040\124\122
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\111\117\116\061\017\060\015\006\003\125\004\007\023\006\115\101
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\123\202\006\005\013\101\136\202\173\060\015\006\011\052\206\110
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\016\221\323\222\251\352\377\104\147\323\240\055\040\147\363\020
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\364\141\015\054\237\057\206\055\141\351\140\131\275\267\117\257
\223\011\034\371\063\167\100\234\241\174\145\334\136\220\225\251
\364\276\202\364\374\202\035\036\305\075\340\134\256\336\055\325
\143\166\253\361\354\044\247\040\370\036\350\317\161\202\003\335
\216\166\142\052\265\051\210\023\044\255\134\364\240\112\270\352
\023\212\126\215\152\057\150\071\162\206\130\304\244\253\165\174
\104\347\032\204\014\215\021\334\031\271\034\066\356\363\377\121
\233\263\103\310\045\176\347\016\110\243\344\117\006\055\025\036
\240\246\107\220\127\073\370\057\055\333\043\272\353\043\223\260
\270\122\033\140\034\324\031\260\155\170\217\113\235\247\013\050
\147\112\335\170\110\275\261\076\230\324\273\025\376\263\137\155
\035\165\310\036\317\017\256\112\032\135\207\054\006\164\154\012
\205\123\044\136\172\311\240\174\161\233\222\135\157\110\177\266
\130\161\262\114\246\032\011\043\064\120\161\025\153\107\333\373
\276\032\155\302\214\224\057\007\147\040\042\147\143\267\253\306
\031\234\226\015\142\352\010\244\032\160\357\251\271\357\116\305
\100\274\342\207\127\363\003\312\050\231\032\300\125\140\165\173
\143\276\144\077\226\116\113\217\375\055\246\164\300\337\111\072
\354\125\176\146\323\272\375\357\223\261\143\362\133\077\355\166

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\241\331\323\014\376\056\157\012\246\123\113\357\321\363\107\255
\271\036\354\114\037\276\320\203\123\303\233\025\105\377\056\007
\321\332\152\222\105\346\154\127\133\044\056\121\151\311\060\317
\327\373\244\001\065\132\315\247\353\024\157\264\267\140\042\010
\305\161\310\223\342\276\045\137\365\014\372\130\121\075\173\310
\057\067\371\223\034\052\011\340\147\375\226\211\102\312\353\066
\260\326\033\246\120\017\132\235\166\377\244\117\306\354\015\304
\341\320\347\130\076\326\171\300\167\115\014\325\263\344\230\115
\335\106\056\122\260\342\017\015\102\066\245\020\044\122\050\276
\142\065\102\071\311\172\226\037\356\346\113\131\077\044\163\213
\277\042\113\146\362\333\017\065\361\067\235\240\044
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "AC1 RAIZ MTIN"
```

```
# Issuer: C=ES,L=MADRID,O=MINISTERIO DE TRABAJO E INMIGRACION,OU=SUBDIRECCION
GENERAL DE PROCESO DE DATOS,OU=PRESTADOR DE SERVICIOS DE CERTIFICACION
MTIN,2.5.4.5=S2819001E,CN=AC1 RAIZ MTIN
```

```
# Serial Number:05:0b:41:5e:82:7b
```

```
# Subject: C=ES,L=MADRID,O=MINISTERIO DE TRABAJO E INMIGRACION,OU=SUBDIRECCION
GENERAL DE PROCESO DE DATOS,OU=PRESTADOR DE SERVICIOS DE CERTIFICACION
MTIN,2.5.4.5=S2819001E,CN=AC1 RAIZ MTIN
```

```
# Not Valid Before: Thu Nov 05 16:17:45 2009
```

```
# Not Valid After: Sun Nov 03 16:17:45 2019
```

```
# Fingerprint (MD5): 27:13:d5:2c:70:06:3e:15:7b:d3:62:59:32:ea:01:05
```

```
# Fingerprint (SHA1): 6a:d2:3b:9d:c4:8e:37:5f:85:9a:d9:ca:b5:85:32:5c:23:89:40:71
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "AC1 RAIZ MTIN"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\152\322\073\235\304\216\067\137\205\232\331\312\265\205\062\134
\043\211\100\161
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\047\023\325\054\160\006\076\025\173\323\142\131\062\352\001\005
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\342\061\026\060\024\006\003\125\004\003\023\015\101\103
\061\040\122\101\111\132\040\115\124\111\116\061\022\060\020\006
\003\125\004\005\023\011\123\062\070\061\071\060\060\061\105\061
\065\060\063\006\003\125\004\013\023\054\120\122\105\123\124\101
\104\117\122\040\104\105\040\123\105\122\126\111\103\111\117\123
\040\104\105\040\103\105\122\124\111\106\111\103\101\103\111\117
```

```
\116\040\115\124\111\116\061\061\060\057\006\003\125\004\013\023
\050\123\125\102\104\111\122\105\103\103\111\117\116\040\107\105
\116\105\122\101\114\040\104\105\040\120\122\117\103\105\123\117
\040\104\105\040\104\101\124\117\123\061\054\060\052\006\003\125
\004\012\023\043\115\111\116\111\123\124\105\122\111\117\040\104
\105\040\124\122\101\102\101\112\117\040\105\040\111\116\115\111
\107\122\101\103\111\117\116\061\017\060\015\006\003\125\004\007
\023\006\115\101\104\122\111\104\061\013\060\011\006\003\125\004
\006\023\002\105\123
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\006\005\013\101\136\202\173
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Microsoft Root Certificate Authority 2011"

Issuer: CN=Microsoft Root Certificate Authority 2011,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US

Serial Number:3f:8b:c8:b5:fc:9f:b2:96:43:b5:69:d6:6c:42:e1:44

Subject: CN=Microsoft Root Certificate Authority 2011,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US

Not Valid Before: Tue Mar 22 22:05:28 2011

Not Valid After: Sat Mar 22 22:13:04 2036

Fingerprint (MD5): ce:04:90:d5:e5:6c:34:a5:ae:0b:e9:8b:e5:81:18:5d

Fingerprint (SHA1): 8f:43:28:8a:d2:72:f3:10:3b:6f:b1:42:84:85:ea:30:14:c0:bc:fe

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Microsoft Root Certificate Authority 2011"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\062\060\060\006\003\125\004\003
\023\051\115\151\143\162\157\163\157\146\164\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\062\060\061\061
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\062\060\060\006\003\125\004\003
\023\051\115\151\143\162\157\163\157\146\164\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\062\060\061\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\077\213\310\265\374\237\262\226\103\265\151\326\154\102
\341\104

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\355\060\202\003\325\240\003\002\001\002\002\020\077
\213\310\265\374\237\262\226\103\265\151\326\154\102\341\104\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201
\210\061\013\060\011\006\003\125\004\006\023\002\125\123\061\023
\060\021\006\003\125\004\010\023\012\127\141\163\150\151\156\147
\164\157\156\061\020\060\016\006\003\125\004\007\023\007\122\145
\144\155\157\156\144\061\036\060\034\006\003\125\004\012\023\025
\115\151\143\162\157\163\157\146\164\040\103\157\162\160\157\162
\141\164\151\157\156\061\062\060\060\006\003\125\004\003\023\051
\115\151\143\162\157\163\157\146\164\040\122\157\157\164\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171\040\062\060\061\061\060\036\027\015\061\061\060
\063\062\062\062\062\060\065\062\070\132\027\015\063\066\060\063
\062\062\062\062\061\063\060\064\132\060\201\210\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125
\004\010\023\012\127\141\163\150\151\156\147\164\157\156\061\020
\060\016\006\003\125\004\007\023\007\122\145\144\155\157\156\144
\061\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157
\163\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156
\061\062\060\060\006\003\125\004\003\023\051\115\151\143\162\157
\163\157\146\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040
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\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\262\200\101\252\065\070\115\023\162\062\150
\042\115\270\262\361\377\325\122\274\154\307\365\322\112\214\066
\356\321\302\134\176\214\212\256\257\023\050\157\300\163\343\072
\316\320\045\250\132\072\155\357\250\270\131\253\023\043\150\315
\014\051\207\321\157\200\134\217\104\177\135\220\001\122\130\254
\121\305\137\052\207\334\334\330\012\035\301\003\271\173\260\126
\350\243\336\144\141\302\236\370\363\174\271\354\015\265\124\376
\114\266\145\117\210\360\234\110\231\014\102\013\011\174\061\131
\027\171\006\170\050\215\211\072\114\003\045\276\161\152\134\013

\347\204\140\244\231\042\343\322\257\204\244\247\373\321\230\355
\014\251\336\224\211\341\016\240\334\300\316\231\075\352\010\122
\273\126\171\344\037\204\272\036\270\264\304\111\134\117\061\113
\207\335\335\005\147\046\231\200\340\161\021\243\270\245\101\342
\244\123\271\367\062\051\203\014\023\277\066\136\004\263\113\103
\107\057\153\342\221\036\323\230\117\335\102\007\310\350\035\022
\374\231\251\153\076\222\176\310\326\151\072\374\144\275\266\011
\235\312\375\014\013\242\233\167\140\113\003\224\244\060\151\022
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\374\261\321\343\263\311\177\110\172\315\044\360\101\217\134\164
\320\254\260\020\040\006\111\267\307\055\041\310\127\343\320\206
\363\003\150\373\320\316\161\301\211\231\112\144\001\154\375\354
\060\221\317\101\074\222\307\345\272\206\035\141\204\307\137\203
\071\142\256\264\222\057\107\363\013\370\125\353\240\037\131\320
\273\164\233\036\320\166\346\362\351\006\327\020\350\372\144\336
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\051\065\367\110\026\002\065\217\325\171\174\115\002\317\137\353
\212\203\117\105\161\210\371\251\015\116\162\351\302\234\007\317
\111\033\116\004\016\143\121\214\136\330\000\301\125\054\266\306
\340\302\145\116\311\064\071\365\234\263\304\176\350\141\156\023
\137\025\304\137\331\176\355\035\316\356\104\354\313\056\206\261
\354\070\366\160\355\253\134\023\301\331\017\015\307\200\262\125
\355\064\367\254\233\344\303\332\347\107\074\246\265\217\061\337
\305\113\257\353\361\002\003\001\000\001\243\121\060\117\060\013
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\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
\125\035\016\004\026\004\024\162\055\072\002\061\220\103\271\024
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\006\001\004\001\202\067\025\001\004\003\002\001\000\060\015\006
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001
\000\177\162\317\017\267\305\025\333\233\300\111\312\046\133\376
\236\023\346\323\360\322\333\227\137\362\113\077\115\263\256\031
\256\355\327\227\240\254\357\251\072\243\302\101\260\345\270\221
\236\023\201\044\003\346\011\375\077\127\100\071\041\044\126\321
\020\057\113\100\251\066\206\113\264\123\127\232\373\361\176\211
\217\021\376\030\154\121\252\350\355\011\225\265\345\161\311\241
\351\207\165\246\025\177\311\176\067\124\136\164\223\305\303\147
\314\015\117\153\250\027\014\155\010\222\176\213\335\201\252\055
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\120\244\350\303\070\244\373\313\054\305\222\146\233\205\136\313
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\237\000\024\310\066\307\222\073\351\116\000\354\330\126\011\271
\063\111\022\322\124\013\001\253\254\107\266\221\051\175\114\264
\165\200\122\001\350\312\202\366\237\314\254\234\217\027\352\057
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\263\127\326\266\354\356\122\267\072\351\116\341\327\201\210\274
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\077\370\011\062\366\223\065\064\042\257\335\067\015\167\011\200
\053\315\110\000\361\214\231\031\107\005\001\351\321\277\321\116
\320\346\050\103\067\231\244\012\112\010\331\232\161\163\322\252
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\255\225\124\354\145\042\020\111\027\270\300\036\307\017\254\124
\107
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END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Microsoft Root Certificate Authority 2011"
# Issuer: CN=Microsoft Root Certificate Authority 2011,O=Microsoft
Corporation,L=Redmond,ST=Washington,C=US
# Serial Number:3f:8b:c8:b5:fc:9f:b2:96:43:b5:69:d6:6c:42:e1:44
# Subject: CN=Microsoft Root Certificate Authority 2011,O=Microsoft
Corporation,L=Redmond,ST=Washington,C=US
# Not Valid Before: Tue Mar 22 22:05:28 2011
# Not Valid After: Sat Mar 22 22:13:04 2036
# Fingerprint (MD5): ce:04:90:d5:e5:6c:34:a5:ae:0b:e9:8b:e5:81:18:5d
# Fingerprint (SHA1): 8f:43:28:8a:d2:72:f3:10:3b:6f:b1:42:84:85:ea:30:14:c0:bc:fe
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft Root Certificate Authority 2011"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\217\103\050\212\322\162\363\020\073\157\261\102\204\205\352\060
\024\300\274\376
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\316\004\220\325\345\154\064\245\256\013\351\213\345\201\030\135
```

```
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
```

```
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\062\060\060\006\003\125\004\003
\023\051\115\151\143\162\157\163\157\146\164\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\062\060\061\061
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\077\213\310\265\374\237\262\226\103\265\151\326\154\102
\341\104
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "CCA India 2011"

Issuer: CN=CCA India 2011,O=India PKI,C=IN

Serial Number: 10126 (0x278e)

Subject: CN=CCA India 2011,O=India PKI,C=IN

Not Valid Before: Fri Mar 11 06:48:52 2011

Not Valid After: Fri Mar 11 06:48:52 2016

Fingerprint (MD5): 6e:3e:bc:f1:11:03:dc:4f:58:d5:2c:b0:74:f4:18:c8

Fingerprint (SHA1): be:d5:25:d1:ac:63:a7:fc:6a:66:0b:a7:a8:95:81:8d:5e:8d:d5:64

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "CCA India 2011"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\072\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040
\120\113\111\061\027\060\025\006\003\125\004\003\023\016\103\103
\101\040\111\156\144\151\141\040\062\060\061\061
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\072\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040
\120\113\111\061\027\060\025\006\003\125\004\003\023\016\103\103
\101\040\111\156\144\151\141\040\062\060\061\061
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\002\047\216
```

END

CKA_VALUE MULTILINE_OCTAL

```
\060\202\003\043\060\202\002\013\240\003\002\001\002\002\002\047
```


\216\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\060\072\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040
\120\113\111\061\027\060\025\006\003\125\004\003\023\016\103\103
\101\040\111\156\144\151\141\040\062\060\061\061\060\036\027\015
\061\061\060\063\061\061\060\066\064\070\065\062\132\027\015\061
\066\060\063\061\061\060\066\064\070\065\062\132\060\072\061\013
\060\011\006\003\125\004\006\023\002\111\116\061\022\060\020\006
\003\125\004\012\023\011\111\156\144\151\141\040\120\113\111\061
\027\060\025\006\003\125\004\003\023\016\103\103\101\040\111\156
\144\151\141\040\062\060\061\061\060\202\001\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000
\060\202\001\012\002\202\001\001\000\207\012\036\016\271\240\250
\040\230\032\270\172\025\366\107\361\277\322\306\047\344\022\152
\226\004\147\165\315\214\306\343\364\335\312\325\304\034\065\356
\115\351\344\042\324\227\070\327\254\143\151\110\300\174\171\142
\277\307\042\111\133\106\301\361\030\024\116\030\035\054\245\132
\222\270\205\025\257\027\126\023\216\237\026\016\042\226\201\204
\171\043\102\354\117\336\257\366\277\211\117\000\136\346\327\010
\322\225\224\232\023\054\004\021\203\357\221\217\010\125\254\172
\126\104\233\305\364\324\027\353\344\167\115\224\341\101\130\021
\351\242\252\011\206\055\046\041\040\365\300\314\303\025\314\114
\011\273\335\334\365\122\003\171\140\217\074\171\072\045\064\043
\207\110\165\362\101\160\115\032\060\010\206\165\316\130\031\250
\327\025\176\043\362\347\111\276\377\376\127\122\170\102\363\046
\167\335\172\367\142\345\313\135\226\063\224\223\273\304\032\026
\257\010\127\353\234\345\367\043\164\215\351\035\013\261\212\224
\163\231\021\221\305\150\240\361\212\015\201\255\264\121\150\156
\111\206\000\006\122\116\051\103\347\002\003\001\000\001\243\063
\060\061\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\021\006\003\125\035\016\004\012\004\010\115\007
\250\143\362\333\034\337\060\013\006\003\125\035\017\004\004\003
\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\001\001\000\156\024\332\040\362\110\153\144\377
\052\164\315\126\265\305\071\017\176\141\037\065\131\033\035\050
\155\043\164\235\170\277\253\255\211\000\271\160\205\365\350\024
\076\344\354\237\226\144\134\322\261\042\040\243\010\234\350\014
\113\150\050\216\125\005\277\076\340\116\332\330\234\320\156\040
\354\376\172\073\302\066\107\227\330\053\010\263\256\302\321\346
\010\077\112\350\072\077\126\365\340\345\077\362\151\266\171\022
\340\360\071\267\030\354\322\351\204\016\030\070\026\212\111\073
\157\127\325\071\073\277\023\360\300\247\315\362\075\036\154\221
\247\167\143\274\253\331\126\070\017\112\271\031\300\053\214\373
\227\037\306\247\354\206\316\323\215\343\321\373\165\321\361\367
\246\143\304\317\350\261\244\222\105\150\362\350\214\261\255\176
\055\040\373\270\245\124\355\312\015\217\062\035\150\246\061\156
\260\310\236\325\372\277\006\233\157\051\175\172\003\111\277\053
\173\131\223\024\305\352\313\361\114\051\202\016\051\356\212\124

\174\074\315\125\202\045\162\016\161\116\045\170\115\323\116\131
\100\312\316\363\231\321\242

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "CCA India 2011"

Issuer: CN=CCA India 2011,O=India PKI,C=IN

Serial Number: 10126 (0x278e)

Subject: CN=CCA India 2011,O=India PKI,C=IN

Not Valid Before: Fri Mar 11 06:48:52 2011

Not Valid After: Fri Mar 11 06:48:52 2016

Fingerprint (MD5): 6e:3e:bc:f1:11:03:dc:4f:58:d5:2c:b0:74:f4:18:c8

Fingerprint (SHA1): be:d5:25:d1:ac:63:a7:fc:6a:66:0b:a7:a8:95:81:8d:5e:8d:d5:64

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "CCA India 2011"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\276\325\045\321\254\143\247\374\152\146\013\247\250\225\201\215
\136\215\325\144

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\156\076\274\361\021\003\334\117\130\325\054\260\164\364\030\310

END

CKA_ISSUER MULTILINE_OCTAL

\060\072\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040
\120\113\111\061\027\060\025\006\003\125\004\003\023\016\103\103
\101\040\111\156\144\151\141\040\062\060\061\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\002\047\216

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "ANCERT Certificados Notariales V2"

Issuer: CN=ANCERT Certificados Notariales V2,O=Agencia Notarial de Certificacion S.L.U. - CIF
B83395988,C=ES

Serial Number:09:bd:56:05:2a:13:16:f4:68:4f:74:0e:a9:7d:1c:48

Subject: CN=ANCERT Certificados Notariales V2,O=Agencia Notarial de Certificacion S.L.U. - CIF

B83395988,C=ES
Not Valid Before: Tue May 25 16:56:14 2010
Not Valid After: Sat May 25 16:56:14 2030
Fingerprint (MD5): 75:70:cb:6e:6b:d6:9b:7d:90:bb:69:5e:59:f0:62:b4
Fingerprint (SHA1): 6f:62:de:b8:6c:85:58:5a:e4:2e:47:8d:b4:d7:6d:b3:67:58:5a:e6
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANCERT Certificados Notariales V2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\101\060\077\006\003\125\004\012\023\070\101\147\145\156\143\151
\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056
\125\056\040\055\040\103\111\106\040\102\070\063\063\071\065\071
\070\070\061\052\060\050\006\003\125\004\003\023\041\101\116\103
\105\122\124\040\103\145\162\164\151\146\151\143\141\144\157\163
\040\116\157\164\141\162\151\141\154\145\163\040\126\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\101\060\077\006\003\125\004\012\023\070\101\147\145\156\143\151
\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056
\125\056\040\055\040\103\111\106\040\102\070\063\063\071\065\071
\070\070\061\052\060\050\006\003\125\004\003\023\041\101\116\103
\105\122\124\040\103\145\162\164\151\146\151\143\141\144\157\163
\040\116\157\164\141\162\151\141\154\145\163\040\126\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\011\275\126\005\052\023\026\364\150\117\164\016\251\175
\034\110
END
CKA_VALUE MULTILINE_OCTAL
\060\202\007\022\060\202\004\372\240\003\002\001\002\002\020\011
\275\126\005\052\023\026\364\150\117\164\016\251\175\034\110\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\174
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\101\060
\077\006\003\125\004\012\023\070\101\147\145\156\143\151\141\040
\116\157\164\141\162\151\141\154\040\144\145\040\103\145\162\164
\151\146\151\143\141\143\151\157\156\040\123\056\114\056\125\056
\040\055\040\103\111\106\040\102\070\063\063\071\065\071\070\070
\061\052\060\050\006\003\125\004\003\023\041\101\116\103\105\122
\124\040\103\145\162\164\151\146\151\143\141\144\157\163\040\116
\157\164\141\162\151\141\154\145\163\040\126\062\060\036\027\015

\061\060\060\065\062\065\061\066\065\066\061\064\132\027\015\063
\060\060\065\062\065\061\066\065\066\061\064\132\060\174\061\013
\060\011\006\003\125\004\006\023\002\105\123\061\101\060\077\006
\003\125\004\012\023\070\101\147\145\156\143\151\141\040\116\157
\164\141\162\151\141\154\040\144\145\040\103\145\162\164\151\146
\151\143\141\143\151\157\156\040\123\056\114\056\125\056\040\055
\040\103\111\106\040\102\070\063\063\071\065\071\070\070\061\052
\060\050\006\003\125\004\003\023\041\101\116\103\105\122\124\040
\103\145\162\164\151\146\151\143\141\144\157\163\040\116\157\164
\141\162\151\141\154\145\163\040\126\062\060\202\002\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002
\017\000\060\202\002\012\002\202\002\001\000\262\346\271\306\035
\152\052\055\111\305\374\374\324\144\100\320\340\024\056\367\240
\302\377\222\363\101\246\264\077\332\276\031\024\221\224\166\323
\025\314\136\177\170\120\172\333\332\305\105\252\313\034\043\171
\163\220\250\273\147\001\163\216\316\100\371\032\251\252\207\344
\223\222\017\134\150\134\136\360\006\140\053\130\334\074\155\074
\307\172\060\153\005\252\222\206\163\052\322\362\032\210\304\333
\345\132\146\216\165\311\102\077\233\210\050\100\036\365\251\134
\036\372\310\101\241\060\253\013\234\356\026\242\301\055\245\205
\372\355\240\014\350\177\226\112\173\275\217\232\242\030\166\322
\257\335\267\075\020\253\122\020\210\256\035\353\270\062\164\226
\364\267\252\047\367\245\007\015\343\224\127\152\124\040\167\315
\035\274\171\055\344\234\264\336\121\210\376\126\326\075\213\241
\317\372\122\036\214\005\163\167\326\005\317\143\000\121\207\141
\343\120\276\231\227\341\374\036\021\171\153\116\152\317\234\205
\012\034\226\052\300\040\066\024\305\011\027\142\073\364\255\352
\325\327\375\320\071\052\170\323\320\242\317\310\163\060\011\107
\305\116\031\375\270\060\324\017\200\230\210\206\301\114\101\172
\043\305\103\375\136\022\270\076\017\261\267\201\142\014\176\157
\343\173\232\302\302\107\021\041\037\317\236\321\060\316\203\301
\020\115\100\167\327\265\302\113\062\100\102\372\233\260\254\317
\353\041\330\031\353\144\305\153\335\125\055\200\207\104\174\114
\074\253\015\330\022\277\064\202\214\261\252\304\270\153\350\016
\106\167\322\213\006\035\102\373\254\275\311\347\063\263\042\157
\176\325\056\003\305\137\005\026\206\174\355\343\236\321\026\167
\032\106\330\311\320\214\344\134\134\041\005\221\361\144\344\254
\305\067\256\265\275\147\023\256\051\345\263\102\304\160\011\243
\135\114\353\067\040\343\360\365\163\063\073\302\374\216\121\205
\066\052\313\201\333\016\211\043\331\342\341\150\272\054\104\167
\076\034\100\272\360\147\216\030\207\360\075\327\351\077\107\133
\065\102\315\247\004\316\110\162\051\005\032\264\321\242\347\015
\171\212\226\155\147\122\055\073\043\346\371\202\234\326\263\171
\136\024\336\145\110\063\374\035\102\350\055\002\003\001\000\001
\243\202\001\216\060\202\001\212\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\202\001\045\006\003\125
\035\040\004\202\001\034\060\202\001\030\060\202\001\024\006\011
\053\006\001\004\001\201\223\150\001\060\202\001\005\060\045\006

\010\053\006\001\005\005\007\002\001\026\031\150\164\164\160\072
\057\057\167\167\167\056\141\156\143\145\162\164\056\143\157\155
\057\143\160\163\060\201\333\006\010\053\006\001\005\005\007\002
\002\060\201\316\060\015\026\006\101\116\103\105\122\124\060\003
\002\001\001\036\201\274\000\101\000\147\000\145\000\156\000\143
\000\151\000\141\000\040\000\116\000\157\000\164\000\141\000\162
\000\151\000\141\000\154\000\040\000\144\000\145\000\040\000\103
\000\145\000\162\000\164\000\151\000\146\000\151\000\143\000\141
\000\143\000\151\000\157\000\156\000\056\000\040\000\120\000\141
\000\163\000\145\000\157\000\040\000\144\000\145\000\154\000\240
\000\107\000\145\000\156\000\145\000\162\000\141\000\154\000\040
\000\115\000\141\000\162\000\164\000\151\000\156\000\145\000\172
\000\040\000\103\000\141\000\155\000\160\000\157\000\163\000\040
\000\064\000\066\000\040\000\066\000\141\000\040\000\160\000\154
\000\141\000\156\000\164\000\141\000\040\000\062\000\070\000\060
\000\061\000\060\000\040\000\115\000\141\000\144\000\162\000\151
\000\144\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\206\060\035\006\003\125\035\016\004\026\004\024\366\022\072
\253\173\130\301\215\103\157\166\201\322\362\270\323\357\027\352
\013\060\037\006\003\125\035\043\004\030\060\026\200\024\366\022
\072\253\173\130\301\215\103\157\166\201\322\362\270\323\357\027
\352\013\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\003\202\002\001\000\124\065\323\242\145\311\331\066\305\123
\321\264\215\162\064\211\272\247\010\237\351\065\020\271\270\014
\006\371\144\252\225\226\050\250\310\243\200\334\126\300\277\162
\115\126\277\177\135\004\325\255\050\133\115\275\363\303\017\025
\260\161\332\126\215\100\125\127\246\175\142\242\255\023\151\121
\252\224\120\272\275\000\060\120\365\335\244\116\011\172\224\061
\153\333\163\003\275\363\332\032\017\214\057\262\311\067\274\124
\325\013\043\067\365\344\133\067\146\211\117\264\307\005\244\145
\334\131\060\246\023\053\176\025\355\354\020\027\211\122\311\235
\337\242\114\355\366\017\036\246\111\260\015\121\263\061\261\121
\231\313\264\321\043\170\322\113\250\264\035\026\246\240\320\076
\007\176\145\077\045\316\144\116\033\056\113\115\202\205\032\145
\333\356\342\003\360\131\044\005\217\231\357\171\202\337\356\052
\067\150\303\152\120\001\131\137\237\150\334\054\121\140\053\135
\340\122\074\073\160\270\000\323\067\250\076\133\036\166\010\132
\324\273\166\060\256\371\310\362\216\244\217\012\165\175\032\230
\341\277\320\066\224\057\074\301\122\323\151\352\032\140\067\214
\200\333\115\155\306\232\135\215\240\141\121\273\075\015\346\022
\240\237\157\131\126\164\062\147\012\374\067\006\301\072\344\053
\216\204\037\332\041\014\111\210\103\323\245\365\202\015\166\206
\303\054\314\220\273\263\270\253\306\313\256\300\027\121\236\323
\200\367\044\332\034\354\316\022\203\316\116\066\060\071\165\370
\164\166\220\202\236\076\100\114\014\024\271\032\036\110\152\260
\061\352\210\177\200\101\100\123\173\070\113\207\220\140\172\113
\316\147\106\150\165\167\216\000\135\040\260\344\223\067\155\003
\337\130\071\350\232\305\244\353\354\141\063\010\205\044\153\117

```
\006\351\255\220\245\066\142\154\343\335\175\011\037\063\277\267
\273\367\311\165\005\367\133\253\372\207\131\257\032\147\020\176
\204\334\214\160\326\104\351\020\301\330\233\056\321\306\100\152
\352\346\132\017\020\175\154\373\125\207\272\115\265\161\003\236
\027\217\170\332\125\075\127\136\042\012\152\230\360\215\010\315
\335\226\102\132\033\315\272\157\047\270\164\047\250\077\345\240
\326\163\307\136\057\041
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "ANCERT Certificados Notariales V2"

Issuer: CN=ANCERT Certificados Notariales V2,O=Agencia Notarial de Certificacion S.L.U. - CIF
B83395988,C=ES

Serial Number:09:bd:56:05:2a:13:16:f4:68:4f:74:0e:a9:7d:1c:48

Subject: CN=ANCERT Certificados Notariales V2,O=Agencia Notarial de Certificacion S.L.U. - CIF
B83395988,C=ES

Not Valid Before: Tue May 25 16:56:14 2010

Not Valid After: Sat May 25 16:56:14 2030

Fingerprint (MD5): 75:70:cb:6e:6b:d6:9b:7d:90:bb:69:5e:59:f0:62:b4

Fingerprint (SHA1): 6f:62:de:b8:6c:85:5a:e4:2e:47:8d:b4:d7:6d:b3:67:58:5a:e6

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ANCERT Certificados Notariales V2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\157\142\336\270\154\205\130\132\344\056\107\215\264\327\155\263
\147\130\132\346
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\165\160\313\156\153\326\233\175\220\273\151\136\131\360\142\264
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\174\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\101\060\077\006\003\125\004\012\023\070\101\147\145\156\143\151
\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056
\125\056\040\055\040\103\111\106\040\102\070\063\063\071\065\071
\070\070\061\052\060\050\006\003\125\004\003\023\041\101\116\103
\105\122\124\040\103\145\162\164\151\146\151\143\141\144\157\163
\040\116\157\164\141\162\151\141\154\145\163\040\126\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\011\275\126\005\052\023\026\364\150\117\164\016\251\175
\034\110
```

```

END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "ANCERT Certificados CGN V2"
# Issuer: CN=ANCERT Certificados CGN V2,O=Agencia Notarial de Certificacion S.L.U. - CIF B83395988,C=ES
# Serial Number:0f:38:8c:70:fe:a6:95:5d:e9:5d:9c:87:af:79:04:99
# Subject: CN=ANCERT Certificados CGN V2,O=Agencia Notarial de Certificacion S.L.U. - CIF
B83395988,C=ES
# Not Valid Before: Tue May 25 16:31:22 2010
# Not Valid After: Sat May 25 16:31:23 2030
# Fingerprint (MD5): 92:45:af:c3:89:71:e6:87:1d:8e:5a:20:a6:33:0e:93
# Fingerprint (SHA1): 7e:b1:a0:42:9b:e5:f4:28:ac:2b:93:97:1d:7c:84:48:a5:36:07:0c
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANCERT Certificados CGN V2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\101\060\077\006\003\125\004\012\023\070\101\147\145\156\143\151
\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056
\125\056\040\055\040\103\111\106\040\102\070\063\063\071\065\071
\070\070\061\043\060\041\006\003\125\004\003\023\032\101\116\103
\105\122\124\040\103\145\162\164\151\146\151\143\141\144\157\163
\040\103\107\116\040\126\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\101\060\077\006\003\125\004\012\023\070\101\147\145\156\143\151
\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056
\125\056\040\055\040\103\111\106\040\102\070\063\063\071\065\071
\070\070\061\043\060\041\006\003\125\004\003\023\032\101\116\103
\105\122\124\040\103\145\162\164\151\146\151\143\141\144\157\163
\040\103\107\116\040\126\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\070\214\160\376\246\225\135\351\135\234\207\257\171
\004\231
END
CKA_VALUE MULTILINE_OCTAL

```

\060\202\007\004\060\202\004\354\240\003\002\001\002\002\020\017
\070\214\160\376\246\225\135\351\135\234\207\257\171\004\231\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\165
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\101\060
\077\006\003\125\004\012\023\070\101\147\145\156\143\151\141\040
\116\157\164\141\162\151\141\154\040\144\145\040\103\145\162\164
\151\146\151\143\141\143\151\157\156\040\123\056\114\056\125\056
\040\055\040\103\111\106\040\102\070\063\063\071\065\071\070\070
\061\043\060\041\006\003\125\004\003\023\032\101\116\103\105\122
\124\040\103\145\162\164\151\146\151\143\141\144\157\163\040\103
\107\116\040\126\062\060\036\027\015\061\060\060\065\062\065\061
\066\063\061\062\062\132\027\015\063\060\060\065\062\065\061\066
\063\061\062\063\132\060\165\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\101\060\077\006\003\125\004\012\023\070\101
\147\145\156\143\151\141\040\116\157\164\141\162\151\141\154\040
\144\145\040\103\145\162\164\151\146\151\143\141\143\151\157\156
\040\123\056\114\056\125\056\040\055\040\103\111\106\040\102\070
\063\063\071\065\071\070\070\061\043\060\041\006\003\125\004\003
\023\032\101\116\103\105\122\124\040\103\145\162\164\151\146\151
\143\141\144\157\163\040\103\107\116\040\126\062\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\235\122\160
\351\047\030\203\312\352\304\231\330\246\341\056\024\257\156\036
\016\144\312\201\067\125\047\034\027\167\130\147\037\214\311\371
\302\212\142\145\050\164\233\342\321\276\125\007\166\166\356\174
\155\116\143\133\036\112\045\165\340\007\241\320\322\202\247\316
\017\063\353\272\024\300\145\262\112\056\345\145\274\042\322\257
\032\016\312\313\363\144\145\053\054\231\243\227\213\213\165\060
\376\146\372\301\117\113\067\120\214\077\363\336\231\172\116\207
\234\040\106\162\227\376\126\033\146\116\240\202\123\243\134\330
\050\106\014\005\027\157\070\326\134\237\016\045\042\301\206\343
\134\032\124\333\256\235\145\175\000\222\337\250\041\041\305\133
\020\046\164\341\261\163\127\144\174\175\027\003\014\352\367\024
\227\017\371\305\356\135\165\260\305\306\012\013\264\076\111\343
\031\306\233\104\223\374\132\025\144\012\262\203\377\200\136\210
\011\320\312\040\243\133\373\333\315\341\032\167\043\030\160\032
\213\355\104\077\326\032\250\066\070\341\235\057\247\167\304\172
\263\300\162\262\162\315\036\077\020\136\032\210\164\215\360\022
\305\367\257\111\334\225\257\053\115\264\220\312\371\356\357\014
\343\277\026\067\043\123\343\051\372\364\164\151\150\075\127\155
\024\140\212\144\151\050\144\115\372\066\107\375\270\022\316\303
\206\252\134\334\146\071\007\117\073\343\343\305\150\256\316\340
\071\134\040\203\077\022\012\070\263\000\301\134\023\227\042\136
\072\113\065\231\370\304\036\336\371\210\021\216\204\311\213\062
\362\322\327\277\042\007\077\140\170\056\165\034\242\272\043\022
\323\360\117\120\071\354\311\167\047\307\132\052\216\323\271\265
\164\004\231\025\057\056\206\137\217\006\301\312\352\342\250\037
\115\175\063\204\221\244\222\303\320\246\110\135\146\032\167\204

\040\120\234\352\004\013\014\043\226\317\261\234\374\271\272\037
\227\250\323\253\003\145\057\175\256\124\307\171\342\034\066\335
\155\322\006\230\001\375\316\374\077\113\303\322\256\377\211\330
\071\061\003\330\261\144\167\003\306\370\243\215\374\052\171\347
\020\275\271\155\221\034\076\235\313\274\125\177\042\376\141\204
\370\330\324\247\041\172\071\136\162\062\353\114\165\002\003\001
\000\001\243\202\001\216\060\202\001\212\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\202\001\045\006
\003\125\035\040\004\202\001\034\060\202\001\030\060\202\001\024
\006\011\053\006\001\004\001\201\223\150\004\060\202\001\005\060
\045\006\010\053\006\001\005\005\007\002\001\026\031\150\164\164
\160\072\057\057\167\167\167\056\141\156\143\145\162\164\056\143
\157\155\057\143\160\163\060\201\333\006\010\053\006\001\005\005
\007\002\002\060\201\316\060\015\026\006\101\116\103\105\122\124
\060\003\002\001\001\036\201\274\000\101\000\147\000\145\000\156
\000\143\000\151\000\141\000\040\000\116\000\157\000\164\000\141
\000\162\000\151\000\141\000\154\000\040\000\144\000\145\000\040
\000\103\000\145\000\162\000\164\000\151\000\146\000\151\000\143
\000\141\000\143\000\151\000\157\000\156\000\056\000\040\000\120
\000\141\000\163\000\145\000\157\000\040\000\144\000\145\000\154
\000\240\000\107\000\145\000\156\000\145\000\162\000\141\000\154
\000\040\000\115\000\141\000\162\000\164\000\151\000\156\000\145
\000\172\000\040\000\103\000\141\000\155\000\160\000\157\000\163
\000\040\000\064\000\066\000\040\000\066\000\141\000\040\000\160
\000\154\000\141\000\156\000\164\000\141\000\040\000\062\000\070
\000\060\000\061\000\060\000\040\000\115\000\141\000\144\000\162
\000\151\000\144\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\206\060\035\006\003\125\035\016\004\026\004\024\005
\156\341\241\232\356\007\257\316\365\264\323\145\075\004\120\342
\320\233\104\060\037\006\003\125\035\043\004\030\060\026\200\024
\005\156\341\241\232\356\007\257\316\365\264\323\145\075\004\120
\342\320\233\104\060\015\006\011\052\206\110\206\367\015\001\001
\013\005\000\003\202\002\001\000\177\124\100\031\044\312\114\023
\366\023\371\134\142\225\060\325\270\340\223\200\154\324\025\106
\324\047\076\222\122\252\334\201\143\206\100\333\325\045\257\237
\223\154\012\365\115\241\376\124\226\135\207\257\021\223\017\213
\362\343\360\037\112\237\374\251\321\311\120\167\137\230\010\010
\055\172\213\201\020\314\073\002\124\130\345\306\247\364\367\312
\350\366\067\006\176\347\021\327\154\205\143\367\250\243\016\342
\045\142\004\244\362\142\123\234\107\264\247\144\273\201\345\326
\136\126\021\276\105\021\141\302\146\351\364\015\164\250\253\371
\133\277\202\262\221\246\120\373\207\176\157\273\310\353\005\242
\271\020\327\033\102\007\125\317\211\346\277\373\271\360\152\071
\127\123\160\214\275\113\243\151\277\037\213\246\134\115\145\212
\271\000\011\350\150\277\011\047\007\115\136\332\122\011\214\345
\161\223\212\314\205\216\322\067\136\123\334\202\155\013\126\112
\204\171\012\364\020\045\104\365\157\135\032\146\265\315\325\020
\113\207\132\116\324\177\344\161\254\356\150\237\274\372\056\130

```
\301\304\236\177\244\131\205\340\122\016\362\307\107\165\025\055
\054\166\214\017\105\005\065\140\370\173\073\167\062\177\050\200
\011\332\061\274\161\175\341\254\221\315\140\012\171\040\354\156
\073\267\204\340\162\363\251\112\320\057\344\133\343\322\032\324
\112\274\365\166\371\177\052\031\110\353\335\016\317\231\126\105
\270\175\326\011\216\016\316\263\204\150\111\204\124\065\113\344
\231\033\257\363\250\024\363\124\230\012\200\176\117\274\362\146
\055\046\377\060\215\247\366\275\333\232\217\345\341\337\273\267
\062\016\371\222\157\151\343\344\166\323\000\066\361\055\136\307
\023\137\325\331\152\055\350\321\033\153\166\313\030\156\016\005
\020\365\132\362\111\033\131\264\205\352\312\031\164\314\273\122
\342\067\214\302\152\002\045\302\322\161\244\222\333\216\311\326
\251\156\320\205\050\155\134\155\010\170\002\260\171\014\127\157
\013\132\001\343\204\204\002\366\317\362\253\143\353\002\152\271
\313\112\030\325\071\042\074\126\112\252\225\210\346\060\000\037
\215\041\041\311\127\356\271\267\104\051\210\117\266\053\247\024
\356\216\356\157\276\026\320\023
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "ANCERT Certificados CGN V2"
```

```
# Issuer: CN=ANCERT Certificados CGN V2,O=Agencia Notarial de Certificacion S.L.U. - CIF B83395988,C=ES
```

```
# Serial Number:0f:38:8c:70:fe:a6:95:5d:e9:5d:9c:87:af:79:04:99
```

```
# Subject: CN=ANCERT Certificados CGN V2,O=Agencia Notarial de Certificacion S.L.U. - CIF
B83395988,C=ES
```

```
# Not Valid Before: Tue May 25 16:31:22 2010
```

```
# Not Valid After: Sat May 25 16:31:23 2030
```

```
# Fingerprint (MD5): 92:45:af:c3:89:71:e6:87:1d:8e:5a:20:a6:33:0e:93
```

```
# Fingerprint (SHA1): 7e:b1:a0:42:9b:e5:f4:28:ac:2b:93:97:1d:7c:84:48:a5:36:07:0c
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ANCERT Certificados CGN V2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\176\261\240\102\233\345\364\050\254\053\223\227\035\174\204\110
\245\066\007\014
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\222\105\257\303\211\161\346\207\035\216\132\040\246\063\016\223
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\101\060\077\006\003\125\004\012\023\070\101\147\145\156\143\151
\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145
```

```
\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056
\125\056\040\055\040\103\111\106\040\102\070\063\063\071\065\071
\070\070\061\043\060\041\006\003\125\004\003\023\032\101\116\103
\105\122\124\040\103\145\162\164\151\146\151\143\141\144\157\163
\040\103\107\116\040\126\062
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\017\070\214\160\376\246\225\135\351\135\234\207\257\171
\004\231
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "EE Certification Centre Root CA"

Issuer: 1.2.840.113549.1.9.1=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS
Sertifitseerimiskeskus,C=EE

Serial Number:54:80:f9:a0:73:ed:3f:00:4c:ca:89:d8:e3:71:e6:4a

Subject: 1.2.840.113549.1.9.1=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS
Sertifitseerimiskeskus,C=EE

Not Valid Before: Sat Oct 30 10:10:30 2010

Not Valid After: Tue Dec 17 23:59:59 2030

Fingerprint (MD5): 43:5e:88:d4:7d:1a:4a:7e:fd:84:2e:52:eb:01:d4:6f

Fingerprint (SHA1): c9:a8:b9:e7:55:80:5e:58:e3:53:77:a7:25:eb:af:c3:7b:27:cc:d7

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "EE Certification Centre Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061
\042\060\040\006\003\125\004\012\014\031\101\123\040\123\145\162
\164\151\146\151\164\163\145\145\162\151\155\151\163\153\145\163
\153\165\163\061\050\060\046\006\003\125\004\003\014\037\105\105
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103
\145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060
\026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153
\151\100\163\153\056\145\145
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061
\042\060\040\006\003\125\004\012\014\031\101\123\040\123\145\162
\164\151\146\151\164\163\145\145\162\151\155\151\163\153\145\163
\153\165\163\061\050\060\046\006\003\125\004\003\014\037\105\105
```

\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103
\145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060
\026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153
\151\100\163\153\056\145\145

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\124\200\371\240\163\355\077\000\114\312\211\330\343\161
\346\112

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\003\060\202\002\353\240\003\002\001\002\002\020\124
\200\371\240\163\355\077\000\114\312\211\330\343\161\346\112\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\165
\061\013\060\011\006\003\125\004\006\023\002\105\105\061\042\060
\040\006\003\125\004\012\014\031\101\123\040\123\145\162\164\151
\146\151\164\163\145\145\162\151\155\151\163\153\145\163\153\165
\163\061\050\060\046\006\003\125\004\003\014\037\105\105\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\103\145\156
\164\162\145\040\122\157\157\164\040\103\101\061\030\060\026\006
\011\052\206\110\206\367\015\001\011\001\026\011\160\153\151\100
\163\153\056\145\145\060\042\030\017\062\060\061\060\061\060\063
\060\061\060\061\060\063\060\132\030\017\062\060\063\060\061\062
\061\067\062\063\065\071\065\071\132\060\165\061\013\060\011\006
\003\125\004\006\023\002\105\105\061\042\060\040\006\003\125\004
\012\014\031\101\123\040\123\145\162\164\151\146\151\164\163\145
\145\162\151\155\151\163\153\145\163\153\165\163\061\050\060\046
\006\003\125\004\003\014\037\105\105\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\103\145\156\164\162\145\040\122
\157\157\164\040\103\101\061\030\060\026\006\011\052\206\110\206
\367\015\001\011\001\026\011\160\153\151\100\163\153\056\145\145
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001
\000\310\040\300\354\340\305\113\253\007\170\225\363\104\356\373
\013\014\377\164\216\141\273\261\142\352\043\330\253\241\145\062
\172\353\216\027\117\226\330\012\173\221\242\143\154\307\214\114
\056\171\277\251\005\374\151\134\225\215\142\371\271\160\355\303
\121\175\320\223\346\154\353\060\113\341\274\175\277\122\233\316
\156\173\145\362\070\261\300\242\062\357\142\262\150\340\141\123
\301\066\225\377\354\224\272\066\256\234\034\247\062\017\345\174
\264\306\157\164\375\173\030\350\254\127\355\006\040\113\062\060
\130\133\375\315\250\346\241\374\160\274\216\222\163\333\227\247
\174\041\256\075\301\365\110\207\154\047\275\237\045\164\201\125
\260\367\165\366\075\244\144\153\326\117\347\316\100\255\017\335
\062\323\274\212\022\123\230\311\211\373\020\035\115\176\315\176
\037\126\015\041\160\205\366\040\203\037\366\272\037\004\217\352
\167\210\065\304\377\352\116\241\213\115\077\143\033\104\303\104
\324\045\166\312\267\215\327\036\112\146\144\315\134\305\234\203
\341\302\010\210\232\354\116\243\361\076\034\054\331\154\035\241

\113\002\003\001\000\001\243\201\212\060\201\207\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006
\003\125\035\016\004\026\004\024\022\362\132\076\352\126\034\277
\315\006\254\361\361\045\311\251\113\324\024\231\060\105\006\003
\125\035\045\004\076\060\074\006\010\053\006\001\005\005\007\003
\002\006\010\053\006\001\005\005\007\003\001\006\010\053\006\001
\005\005\007\003\003\006\010\053\006\001\005\005\007\003\004\006
\010\053\006\001\005\005\007\003\010\006\010\053\006\001\005\005
\007\003\011\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\003\202\001\001\000\173\366\344\300\015\252\031\107\267
\115\127\243\376\255\273\261\152\325\017\236\333\344\143\305\216
\241\120\126\223\226\270\070\300\044\042\146\274\123\024\141\225
\277\320\307\052\226\071\077\175\050\263\020\100\041\152\304\257
\260\122\167\030\341\226\330\126\135\343\335\066\136\035\247\120
\124\240\305\052\344\252\214\224\212\117\235\065\377\166\244\006
\023\221\242\242\175\000\104\077\125\323\202\074\032\325\133\274
\126\114\042\056\106\103\212\044\100\055\363\022\270\073\160\032
\244\226\271\032\257\207\101\032\152\030\015\006\117\307\076\156
\271\051\115\015\111\211\021\207\062\133\346\113\004\310\344\134
\346\164\163\224\135\026\230\023\225\376\373\333\261\104\345\072
\160\254\067\153\346\263\063\162\050\311\263\127\240\366\002\026
\210\006\013\266\246\113\040\050\324\336\075\213\255\067\005\123
\164\376\156\314\274\103\027\161\136\371\305\314\032\251\141\356
\367\166\014\363\162\364\162\255\317\162\002\066\007\107\317\357
\031\120\211\140\314\351\044\225\017\302\313\035\362\157\166\220
\307\314\165\301\226\305\235

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "EE Certification Centre Root CA"
Issuer: 1.2.840.113549.1.9.1=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS
Sertifitseerimiskeskus,C=EE
Serial Number:54:80:f9:a0:73:ed:3f:00:4c:ca:89:d8:e3:71:e6:4a
Subject: 1.2.840.113549.1.9.1=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS
Sertifitseerimiskeskus,C=EE
Not Valid Before: Sat Oct 30 10:10:30 2010
Not Valid After: Tue Dec 17 23:59:59 2030
Fingerprint (MD5): 43:5e:88:d4:7d:1a:4a:7e:fd:84:2e:52:eb:01:d4:6f
Fingerprint (SHA1): c9:a8:b9:e7:55:80:5e:58:e3:53:77:a7:25:eb:af:c3:7b:27:cc:d7
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EE Certification Centre Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\311\250\271\347\125\200\136\130\343\123\167\247\045\353\257\303
\173\047\314\327

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\136\210\324\175\032\112\176\375\204\056\122\353\001\324\157

END

CKA_ISSUER MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061
\042\060\040\006\003\125\004\012\014\031\101\123\040\123\145\162
\164\151\146\151\164\163\145\145\162\151\155\151\163\153\145\163
\153\165\163\061\050\060\046\006\003\125\004\003\014\037\105\105
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103
\145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060
\026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153
\151\100\163\153\056\145\145

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\124\200\371\240\163\355\077\000\114\312\211\330\343\161
\346\112

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "DigiNotar Root CA G2"
Issuer: 1.2.840.113549.1.9.1=info@diginotar.nl,CN=DigiNotar Root CA G2,O=DigiNotar,C=NL
Serial Number:0a:82:bd:1e:14:4e:88:14:d7:5b:1a:55:27:be:bf:3e
Subject: 1.2.840.113549.1.9.1=info@diginotar.nl,CN=DigiNotar Root CA G2,O=DigiNotar,C=NL
Not Valid Before: Fri Jul 03 13:59:02 2009
Not Valid After: Tue Jul 03 13:59:02 2029
Fingerprint (MD5): c2:96:e0:e4:97:2c:aa:61:c4:9b:9b:77:18:38:5c:9e
Fingerprint (SHA1): 43:d9:bc:b5:68:e0:39:d0:73:a7:4a:71:d8:51:1f:74:76:08:9c:c3

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiNotar Root CA G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\035\060\033\006\003\125\004\003\023\024\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\040
\107\062\061\040\060\036\006\011\052\206\110\206\367\015\001\011
\001\026\021\151\156\146\157\100\144\151\147\151\156\157\164\141

\162\056\156\154

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\035\060\033\006\003\125\004\003\023\024\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\040
\107\062\061\040\060\036\006\011\052\206\110\206\367\015\001\011
\001\026\021\151\156\146\157\100\144\151\147\151\156\157\164\141
\162\056\156\154

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\012\202\275\036\024\116\210\024\327\133\032\125\047\276
\277\076

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\220\060\202\003\170\240\003\002\001\002\002\020\012
\202\275\036\024\116\210\024\327\133\032\125\047\276\277\076\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\142
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022\060
\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164\141
\162\061\035\060\033\006\003\125\004\003\023\024\104\151\147\151
\116\157\164\141\162\040\122\157\157\164\040\103\101\040\107\062
\061\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026
\021\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056
\156\154\060\036\027\015\060\071\060\067\060\063\061\063\065\071
\060\062\132\027\015\062\071\060\067\060\063\061\063\065\071\060
\062\132\060\142\061\013\060\011\006\003\125\004\006\023\002\116
\114\061\022\060\020\006\003\125\004\012\023\011\104\151\147\151
\116\157\164\141\162\061\035\060\033\006\003\125\004\003\023\024
\104\151\147\151\116\157\164\141\162\040\122\157\157\164\040\103
\101\040\107\062\061\040\060\036\006\011\052\206\110\206\367\015
\001\011\001\026\021\151\156\146\157\100\144\151\147\151\156\157
\164\141\162\056\156\154\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\277\256\020\001\373\114\076\266\254
\003\365\230\317\043\222\050\244\023\075\032\332\240\117\213\145
\345\056\344\340\246\216\070\165\073\345\263\130\025\334\062\145
\376\176\166\030\005\331\202\251\266\241\366\375\304\273\153\154
\173\044\264\201\365\054\075\207\251\300\103\327\334\070\054\340
\115\022\204\027\274\015\114\323\161\113\063\270\102\004\061\161
\307\044\036\105\027\320\374\151\052\132\041\225\215\004\207\214
\300\167\023\142\215\275\344\310\217\212\020\025\175\165\305\240
\166\145\260\216\001\066\016\210\011\174\240\243\071\045\253\150
\222\255\346\064\171\357\224\027\322\153\057\040\060\005\251\221
\071\254\014\134\001\307\245\162\260\217\017\030\215\242\071\332
\334\064\224\104\245\220\100\105\270\356\347\344\153\364\151\067

\330\325\242\200\057\325\371\366\115\046\353\123\240\241\205\137
\320\275\312\055\034\046\256\160\230\075\032\274\161\143\043\231
\103\211\256\074\073\131\147\123\066\066\102\015\341\145\020\010
\232\123\271\350\176\341\260\272\043\332\233\042\107\055\263\133
\175\304\177\002\372\062\116\026\376\372\212\253\131\032\266\142
\072\275\310\240\133\257\343\223\271\134\206\264\215\347\040\013
\156\004\004\375\322\245\246\356\375\264\051\031\041\357\102\221
\043\204\112\053\372\016\112\064\315\260\260\225\172\004\015\250
\060\136\075\040\173\077\152\003\105\333\005\005\224\220\307\326
\116\146\204\002\073\200\314\337\342\207\154\144\322\160\137\117
\160\273\154\103\030\032\351\154\340\200\126\305\305\346\000\255
\337\115\355\121\215\306\352\011\361\011\012\242\332\123\107\117
\233\230\323\340\311\276\330\207\134\245\123\243\215\253\323\274
\056\013\172\277\106\021\143\244\130\025\252\034\156\376\111\006
\123\002\112\363\323\362\101\315\127\137\225\045\270\341\207\363
\140\227\177\354\041\211\312\323\166\154\335\121\221\106\063\100
\330\110\224\055\352\005\162\273\264\034\241\124\267\307\346\351
\112\176\053\262\327\041\031\137\000\344\232\134\215\241\070\257
\071\052\354\140\065\110\130\057\171\242\312\114\052\344\176\250
\021\210\121\355\277\017\073\156\005\261\200\107\071\344\147\342
\207\141\304\216\254\207\311\002\003\001\000\001\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\035\006\003\125\035\016\004\026\004\024\051\015\333\077
\007\122\345\013\324\041\150\056\044\112\336\133\132\226\362\041
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\002\001\000\042\357\356\300\123\343\244\145\343\317\040\256
\023\342\242\336\327\067\053\124\017\016\233\215\137\230\347\151
\052\036\073\245\265\131\274\254\176\152\346\226\060\336\227\001
\375\164\366\137\045\000\367\243\143\212\264\261\015\302\031\030
\003\316\345\060\041\022\221\060\161\342\221\213\363\334\153\303
\005\255\314\055\142\230\066\047\135\243\340\025\233\202\075\032
\150\165\225\335\172\150\052\017\042\151\066\063\267\153\242\050
\206\120\221\125\021\132\022\000\214\235\121\334\340\262\126\275
\120\105\164\377\224\173\321\327\360\073\344\115\341\104\351\337
\153\204\342\042\114\225\170\264\224\314\127\011\236\041\207\254
\226\241\023\033\013\305\231\147\134\035\361\025\265\064\334\274
\370\036\354\253\077\224\047\262\211\231\374\325\130\076\245\244
\006\323\103\371\034\066\015\217\002\020\134\365\005\000\167\372
\247\354\231\126\316\230\005\370\162\246\271\005\033\043\016\016
\100\147\265\171\112\144\073\201\265\241\212\021\133\237\207\031
\174\360\224\116\063\243\121\020\325\273\275\121\213\150\030\007
\256\032\127\377\104\033\307\337\133\323\263\315\371\260\157\115
\302\313\202\345\213\156\051\320\131\201\234\154\116\375\173\020
\327\166\020\237\054\105\201\376\135\160\254\274\200\313\362\041
\302\303\142\042\333\030\116\020\217\105\260\033\232\042\043\244
\324\034\367\152\242\063\337\371\314\005\250\125\350\275\227\205
\250\336\263\145\335\116\004\022\170\235\351\312\223\066\052\001


```
\112\174\315\340\020\303\224\110\220\241\235\207\350\165\324\040
\317\207\021\065\352\360\300\167\047\302\122\366\055\157\207\231
\047\265\371\200\376\356\106\252\377\366\075\305\277\140\252\064
\141\065\053\363\002\001\212\112\234\012\042\141\376\231\013\005
\131\362\204\205\252\254\220\067\037\367\237\024\350\323\176\275
\004\106\077\155\366\340\334\102\116\201\374\135\340\232\126\161
\230\142\117\343\136\374\171\371\313\314\305\270\134\005\061\310
\142\366\251\157\377\153\343\360\166\323\352\276\347\101\001\367
\014\247\104\123\051\340\335\357\331\153\054\130\310\327\230\342
\035\344\051\263\213\345\154\166\311\143\203\155\032\171\156\163
\114\340\300\313
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "DigiNotar Root CA G2"
# Issuer: 1.2.840.113549.1.9.1=info@diginotar.nl,CN=DigiNotar Root CA G2,O=DigiNotar,C=NL
# Serial Number:0a:82:bd:1e:14:4e:88:14:d7:5b:1a:55:27:be:bf:3e
# Subject: 1.2.840.113549.1.9.1=info@diginotar.nl,CN=DigiNotar Root CA G2,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 03 13:59:02 2009
# Not Valid After: Tue Jul 03 13:59:02 2029
# Fingerprint (MD5): c2:96:e0:e4:97:2c:aa:61:c4:9b:9b:77:18:38:5c:9e
# Fingerprint (SHA1): 43:d9:bc:b5:68:e0:39:d0:73:a7:4a:71:d8:51:1f:74:76:08:9c:c3
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiNotar Root CA G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\103\331\274\265\150\340\071\320\163\247\112\161\330\121\037\164
\166\010\234\303
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\302\226\340\344\227\054\252\141\304\233\233\167\030\070\134\236
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\035\060\033\006\003\125\004\003\023\024\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\040
\107\062\061\040\060\036\006\011\052\206\110\206\367\015\001\011
\001\026\021\151\156\146\157\100\144\151\147\151\156\157\164\141
\162\056\156\154
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\202\275\036\024\116\210\024\327\133\032\125\047\276
```

\277\076

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Federal Common Policy CA"

Issuer: CN=Federal Common Policy CA,OU=FPKI,O=U.S. Government,C=US

Serial Number: 304 (0x130)

Subject: CN=Federal Common Policy CA,OU=FPKI,O=U.S. Government,C=US

Not Valid Before: Wed Dec 01 16:45:27 2010

Not Valid After: Sun Dec 01 16:45:27 2030

Fingerprint (MD5): 8c:42:b6:36:0d:d0:24:ce:4c:b1:ba:06:d2:6a:6b:c9

Fingerprint (SHA1): 90:5f:94:2f:d9:f2:8f:67:9b:37:81:80:fd:4f:84:63:47:f6:45:c1

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Federal Common Policy CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\131\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\030\060\026\006\003\125\004\012\023\017\125\056\123\056\040\107
\157\166\145\162\156\155\145\156\164\061\015\060\013\006\003\125
\004\013\023\004\106\120\113\111\061\041\060\037\006\003\125\004
\003\023\030\106\145\144\145\162\141\154\040\103\157\155\155\157
\156\040\120\157\154\151\143\171\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\131\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\030\060\026\006\003\125\004\012\023\017\125\056\123\056\040\107
\157\166\145\162\156\155\145\156\164\061\015\060\013\006\003\125
\004\013\023\004\106\120\113\111\061\041\060\037\006\003\125\004
\003\023\030\106\145\144\145\162\141\154\040\103\157\155\155\157
\156\040\120\157\154\151\143\171\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\002\001\060

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\140\060\202\003\110\240\003\002\001\002\002\002\001
\060\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\060\131\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\030\060\026\006\003\125\004\012\023\017\125\056\123\056\040\107
\157\166\145\162\156\155\145\156\164\061\015\060\013\006\003\125

\004\013\023\004\106\120\113\111\061\041\060\037\006\003\125\004
\003\023\030\106\145\144\145\162\141\154\040\103\157\155\155\157
\156\040\120\157\154\151\143\171\040\103\101\060\036\027\015\061
\060\061\062\060\061\061\066\064\065\062\067\132\027\015\063\060
\061\062\060\061\061\066\064\065\062\067\132\060\131\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\030\060\026\006\003
\125\004\012\023\017\125\056\123\056\040\107\157\166\145\162\156
\155\145\156\164\061\015\060\013\006\003\125\004\013\023\004\106
\120\113\111\061\041\060\037\006\003\125\004\003\023\030\106\145
\144\145\162\141\154\040\103\157\155\155\157\156\040\120\157\154
\151\143\171\040\103\101\060\202\001\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202
\001\012\002\202\001\001\000\330\165\373\065\026\064\132\101\277
\132\257\134\060\004\024\034\255\170\104\265\352\046\352\165\141
\307\315\066\171\370\174\330\275\051\121\146\131\041\343\171\253
\324\170\276\260\055\260\241\325\262\065\026\043\320\314\036\276
\016\350\253\334\303\311\326\022\327\247\162\150\030\061\270\027
\042\262\076\176\272\010\155\306\375\321\130\054\151\240\003\360
\052\243\366\077\041\045\075\337\267\062\305\216\047\263\043\245
\340\122\263\135\226\351\260\270\305\305\237\273\305\240\156\202
\100\273\305\047\005\066\111\326\046\047\151\014\064\217\317\047
\172\052\012\243\101\137\215\035\003\206\203\025\340\125\301\305
\230\054\236\354\032\162\334\110\301\076\371\204\322\204\202\301
\033\303\164\066\267\271\307\066\062\172\370\062\266\320\066\256
\042\030\061\214\120\163\041\236\376\203\073\060\210\044\343\351
\301\176\336\355\230\307\037\222\020\212\237\133\142\057\235\244
\274\325\205\157\072\375\311\123\247\040\113\252\333\040\253\041
\116\035\015\116\346\230\205\345\253\021\107\135\235\077\304\043
\300\343\024\006\156\376\235\002\003\001\000\001\243\202\001\060
\060\202\001\054\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\201\351\006\010\053\006\001\005\005\007
\001\013\004\201\334\060\201\331\060\077\006\010\053\006\001\005
\005\007\060\005\206\063\150\164\164\160\072\057\057\150\164\164
\160\056\146\160\153\151\056\147\157\166\057\146\143\160\143\141
\057\143\141\103\145\162\164\163\111\163\163\165\145\144\102\171
\146\143\160\143\141\056\160\067\143\060\201\225\006\010\053\006
\001\005\005\007\060\005\206\201\210\154\144\141\160\072\057\057
\154\144\141\160\056\146\160\153\151\056\147\157\166\057\143\156
\075\106\145\144\145\162\141\154\045\062\060\103\157\155\155\157
\156\045\062\060\120\157\154\151\143\171\045\062\060\103\101\054
\157\165\075\106\120\113\111\054\157\075\125\056\123\056\045\062
\060\107\157\166\145\162\156\155\145\156\164\054\143\075\125\123
\077\143\101\103\145\162\164\151\146\151\143\141\164\145\073\142
\151\156\141\162\171\054\143\162\157\163\163\103\145\162\164\151
\146\151\143\141\164\145\120\141\151\162\073\142\151\156\141\162
\171\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\035\006\003\125\035\016\004\026\004\024\255\014\172\165
\134\345\363\230\304\171\230\016\254\050\375\227\364\347\002\374

```
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\001\001\000\217\163\332\341\177\200\261\207\366\354\054\317
\321\204\143\036\366\361\210\267\232\362\021\265\357\124\255\212
\156\030\067\050\357\134\033\344\357\120\267\154\046\030\043\042
\115\035\046\107\040\351\011\234\342\160\142\161\253\021\317\221
\211\350\263\365\052\240\107\300\024\313\116\102\301\335\014\016
\033\360\207\133\354\345\167\327\252\340\124\327\105\364\205\076
\354\264\035\336\174\212\177\133\115\234\226\212\320\242\062\237
\332\154\061\014\370\244\357\176\163\350\221\334\010\172\160\132
\240\257\142\201\131\370\000\164\242\310\335\124\312\101\126\107
\275\351\300\117\355\040\335\343\245\011\337\256\050\302\374\321
\310\027\330\022\307\157\336\056\351\275\232\221\362\074\132\224
\056\221\042\200\211\241\214\130\314\203\172\046\031\165\002\245
\016\175\012\046\163\121\352\206\313\007\250\310\375\143\132\065
\233\322\257\277\117\061\110\301\204\160\333\065\173\232\031\017
\345\217\364\152\014\157\063\331\353\034\160\242\015\343\271\120
\003\141\002\377\112\354\222\244\334\055\356\052\064\223\007\267
\054\347\030\217
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Federal Common Policy CA"
# Issuer: CN=Federal Common Policy CA,OU=FPKI,O=U.S. Government,C=US
# Serial Number: 304 (0x130)
# Subject: CN=Federal Common Policy CA,OU=FPKI,O=U.S. Government,C=US
# Not Valid Before: Wed Dec 01 16:45:27 2010
# Not Valid After: Sun Dec 01 16:45:27 2030
# Fingerprint (MD5): 8c:42:b6:36:0d:d0:24:ce:4c:b1:ba:06:d2:6a:6b:c9
# Fingerprint (SHA1): 90:5f:94:2f:d9:f2:8f:67:9b:37:81:80:fd:4f:84:63:47:f6:45:c1
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Federal Common Policy CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\220\137\224\057\331\362\217\147\233\067\201\200\375\117\204\143
\107\366\105\301
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\214\102\266\066\015\320\044\316\114\261\272\006\322\152\153\311
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\131\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\030\060\026\006\003\125\004\012\023\017\125\056\123\056\040\107
\157\166\145\162\156\155\145\156\164\061\015\060\013\006\003\125
```

```
\004\013\023\004\106\120\113\111\061\041\060\037\006\003\125\004
\003\023\030\106\145\144\145\162\141\154\040\103\157\155\155\157
\156\040\120\157\154\151\143\171\040\103\101
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\002\001\060
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Autoridad de Certificacion Raiz del Estado Venezolano"

Issuer: 1.2.840.113549.1.9.1=acraiz@suscerte.gob.ve,OU=Superintendencia de Servicios de Certificacion Electronica,O=Sistema Nacional de Certificacion Electronica,ST=Distrito Capital,L=Caracas,C=VE,CN=Autoridad de Certificacion Raiz del Estado Venezolano

Serial Number: 10 (0xa)

Subject: 1.2.840.113549.1.9.1=acraiz@suscerte.gob.ve,OU=Superintendencia de Servicios de Certificacion Electronica,O=Sistema Nacional de Certificacion Electronica,ST=Distrito Capital,L=Caracas,C=VE,CN=Autoridad de Certificacion Raiz del Estado Venezolano

Not Valid Before: Tue Dec 28 16:41:36 2010

Not Valid After: Mon Dec 23 23:59:59 2030

Fingerprint (MD5): 96:14:69:08:a8:36:59:d7:a0:35:14:89:58:50:5b:ab

Fingerprint (SHA1): 39:8e:be:9c:0f:46:c0:79:c3:c7:af:e0:7a:2f:dd:9f:ae:5f:8a:5c

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Autoridad de Certificacion Raiz del Estado Venezolano"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\202\001\036\061\076\060\074\006\003\125\004\003\023\065\101
\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162\164
\151\146\151\143\141\143\151\157\156\040\122\141\151\172\040\144
\145\154\040\105\163\164\141\144\157\040\126\145\156\145\172\157
\154\141\156\157\061\013\060\011\006\003\125\004\006\023\002\126
\105\061\020\060\016\006\003\125\004\007\023\007\103\141\162\141
\143\141\163\061\031\060\027\006\003\125\004\010\023\020\104\151
\163\164\162\151\164\157\040\103\141\160\151\164\141\154\061\066
\060\064\006\003\125\004\012\023\055\123\151\163\164\145\155\141
\040\116\141\143\151\157\156\141\154\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\040\105\154\145\143\164
\162\157\156\151\143\141\061\103\060\101\006\003\125\004\013\023
\072\123\165\160\145\162\151\156\164\145\156\144\145\156\143\151
\141\040\144\145\040\123\145\162\166\151\143\151\157\163\040\144
\145\040\103\145\162\164\151\146\151\143\141\143\151\157\156\040
\105\154\145\143\164\162\157\156\151\143\141\061\045\060\043\006
```

\011\052\206\110\206\367\015\001\011\001\026\026\141\143\162\141
\151\172\100\163\165\163\143\145\162\164\145\056\147\157\142\056
\166\145

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\202\001\036\061\076\060\074\006\003\125\004\003\023\065\101
\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162\164
\151\146\151\143\141\143\151\157\156\040\122\141\151\172\040\144
\145\154\040\105\163\164\141\144\157\040\126\145\156\145\172\157
\154\141\156\157\061\013\060\011\006\003\125\004\006\023\002\126
\105\061\020\060\016\006\003\125\004\007\023\007\103\141\162\141
\143\141\163\061\031\060\027\006\003\125\004\010\023\020\104\151
\163\164\162\151\164\157\040\103\141\160\151\164\141\154\061\066
\060\064\006\003\125\004\012\023\055\123\151\163\164\145\155\141
\040\116\141\143\151\157\156\141\154\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\040\105\154\145\143\164
\162\157\156\151\143\141\061\103\060\101\006\003\125\004\013\023
\072\123\165\160\145\162\151\156\164\145\156\144\145\156\143\151
\141\040\144\145\040\123\145\162\166\151\143\151\157\163\040\144
\145\040\103\145\162\164\151\146\151\143\141\143\151\157\156\040
\105\154\145\143\164\162\157\156\151\143\141\061\045\060\043\006
\011\052\206\110\206\367\015\001\011\001\026\026\141\143\162\141
\151\172\100\163\165\163\143\145\162\164\145\056\147\157\142\056
\166\145

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\012

END

CKA_VALUE MULTILINE_OCTAL

\060\202\011\230\060\202\007\200\240\003\002\001\002\002\001\012
\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060
\202\001\036\061\076\060\074\006\003\125\004\003\023\065\101\165
\164\157\162\151\144\141\144\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\156\040\122\141\151\172\040\144\145
\154\040\105\163\164\141\144\157\040\126\145\156\145\172\157\154
\141\156\157\061\013\060\011\006\003\125\004\006\023\002\126\105
\061\020\060\016\006\003\125\004\007\023\007\103\141\162\141\143
\141\163\061\031\060\027\006\003\125\004\010\023\020\104\151\163
\164\162\151\164\157\040\103\141\160\151\164\141\154\061\066\060
\064\006\003\125\004\012\023\055\123\151\163\164\145\155\141\040
\116\141\143\151\157\156\141\154\040\144\145\040\103\145\162\164
\151\146\151\143\141\143\151\157\156\040\105\154\145\143\164\162
\157\156\151\143\141\061\103\060\101\006\003\125\004\013\023\072
\123\165\160\145\162\151\156\164\145\156\144\145\156\143\151\141
\040\144\145\040\123\145\162\166\151\143\151\157\163\040\144\145
\040\103\145\162\164\151\146\151\143\141\143\151\157\156\040\105
\154\145\143\164\162\157\156\151\143\141\061\045\060\043\006\011

\052\206\110\206\367\015\001\011\001\026\026\141\143\162\141\151
\172\100\163\165\163\143\145\162\164\145\056\147\157\142\056\166
\145\060\036\027\015\061\060\061\062\062\070\061\066\064\061\063
\066\132\027\015\063\060\061\062\062\063\062\063\065\071\065\071
\132\060\202\001\036\061\076\060\074\006\003\125\004\003\023\065
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\040\122\141\151\172\040
\144\145\154\040\105\163\164\141\144\157\040\126\145\156\145\172
\157\154\141\156\157\061\013\060\011\006\003\125\004\006\023\002
\126\105\061\020\060\016\006\003\125\004\007\023\007\103\141\162
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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Autoridad de Certificacion Raiz del Estado Venezolano"

Issuer: 1.2.840.113549.1.9.1=acraiz@suscerte.gob.ve,OU=Superintendencia de Servicios de Certificacion

Electronica,O=Sistema Nacional de Certificacion Electronica,ST=Distrito Capital,L=Caracas,C=VE,CN=Autoridad de Certificacion Raiz del Estado Venezolano
Serial Number: 10 (0xa)
Subject: 1.2.840.113549.1.9.1=acraiz@suscerte.gob.ve,OU=Superintendencia de Servicios de Certificacion Electronica,O=Sistema Nacional de Certificacion Electronica,ST=Distrito Capital,L=Caracas,C=VE,CN=Autoridad de Certificacion Raiz del Estado Venezolano
Not Valid Before: Tue Dec 28 16:41:36 2010
Not Valid After: Mon Dec 23 23:59:59 2030
Fingerprint (MD5): 96:14:69:08:a8:36:59:d7:a0:35:14:89:58:50:5b:ab
Fingerprint (SHA1): 39:8e:be:9c:0f:46:c0:79:c3:c7:af:e0:7a:2f:dd:9f:ae:5f:8a:5c
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Raiz del Estado Venezolano"
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CKA_CERT_MD5_HASH MULTILINE_OCTAL
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\166\145
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\012
END
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CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "China Internet Network Information Center EV Certificates Root"

Issuer: CN=China Internet Network Information Center EV Certificates Root,O=China Internet Network
Information Center,C=CN

Serial Number:48:9f:00:01

Subject: CN=China Internet Network Information Center EV Certificates Root,O=China Internet Network
Information Center,C=CN

Not Valid Before: Tue Aug 31 07:11:25 2010

Not Valid After: Sat Aug 31 07:11:25 2030

Fingerprint (MD5): 55:5d:63:00:97:bd:6a:97:f5:67:ab:4b:fb:6e:63:15

Fingerprint (SHA1): 4f:99:aa:93:fb:2b:d1:37:26:a1:99:4a:ce:7f:f0:05:f2:93:5d:1e

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "China Internet Network Information Center EV Certificates Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

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END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

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END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\110\237\000\001

END

CKA_VALUE MULTILINE_OCTAL

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\316\211\213\253\135\307\024\301\133\060\152\037\261\267\236\056
\201\001\002\355\317\226\136\143\333\250\346\070\267\002\003\001
\000\001\243\143\060\141\060\037\006\003\125\035\043\004\030\060
\026\200\024\174\162\113\071\307\300\333\142\245\117\233\252\030
\064\222\242\312\203\202\131\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\035\006\003\125\035\016\004
\026\004\024\174\162\113\071\307\300\333\142\245\117\233\252\030
\064\222\242\312\203\202\131\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\003\202\001\001\000\052\303\307\103\067
\217\335\255\244\262\014\356\334\024\155\217\050\244\230\111\313

```
\014\200\352\363\355\043\146\165\175\305\323\041\147\171\321\163
\305\265\003\267\130\254\014\124\057\306\126\023\017\061\332\006
\347\145\073\035\157\066\333\310\035\371\375\200\006\312\243\075
\146\026\250\235\114\026\175\300\225\106\265\121\344\342\037\327
\352\006\115\143\215\226\214\357\347\063\127\102\072\353\214\301
\171\310\115\166\175\336\366\261\267\201\340\240\371\241\170\106
\027\032\126\230\360\116\075\253\034\355\354\071\334\007\110\367
\143\376\006\256\302\244\134\152\133\062\210\305\307\063\205\254
\146\102\107\302\130\044\231\341\345\076\345\165\054\216\103\326
\135\074\170\036\250\225\202\051\120\321\321\026\272\357\301\276
\172\331\264\330\314\036\114\106\341\167\261\061\253\275\052\310
\316\217\156\241\135\177\003\165\064\344\255\211\105\124\136\276
\256\050\245\273\077\170\171\353\163\263\012\015\375\276\311\367
\126\254\366\267\355\057\233\041\051\307\070\266\225\304\004\362
\303\055\375\024\052\220\231\271\007\314\237
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "China Internet Network Information Center EV Certificates Root"

Issuer: CN=China Internet Network Information Center EV Certificates Root,O=China Internet Network Information Center,C=CN

Serial Number:48:9f:00:01

Subject: CN=China Internet Network Information Center EV Certificates Root,O=China Internet Network Information Center,C=CN

Not Valid Before: Tue Aug 31 07:11:25 2010

Not Valid After: Sat Aug 31 07:11:25 2030

Fingerprint (MD5): 55:5d:63:00:97:bd:6a:97:f5:67:ab:4b:fb:6e:63:15

Fingerprint (SHA1): 4f:99:aa:93:fb:2b:d1:37:26:a1:99:4a:ce:7f:f0:05:f2:93:5d:1e

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "China Internet Network Information Center EV Certificates Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\117\231\252\223\373\053\321\067\046\241\231\112\316\177\360\005
\362\223\135\036
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\125\135\143\000\227\275\152\227\365\147\253\113\373\156\143\025
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\116
\061\062\060\060\006\003\125\004\012\014\051\103\150\151\156\141
\040\111\156\164\145\162\156\145\164\040\116\145\164\167\157\162
\153\040\111\156\146\157\162\155\141\164\151\157\156\040\103\145
```

```
\156\164\145\162\061\107\060\105\006\003\125\004\003\014\076\103
\150\151\156\141\040\111\156\164\145\162\156\145\164\040\116\145
\164\167\157\162\153\040\111\156\146\157\162\155\141\164\151\157
\156\040\103\145\156\164\145\162\040\105\126\040\103\145\162\164
\151\146\151\143\141\164\145\163\040\122\157\157\164
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\004\110\237\000\001
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Verizon Global Root CA"

Issuer: CN=Verizon Global Root CA,OU=OmniRoot,O=Verizon Business,C=US

Serial Number: 1 (0x1)

Subject: CN=Verizon Global Root CA,OU=OmniRoot,O=Verizon Business,C=US

Not Valid Before: Thu Jul 30 14:27:04 2009

Not Valid After: Sun Jul 30 14:27:04 2034

Fingerprint (MD5): f4:c3:f3:e9:53:c2:94:65:27:3d:52:89:f1:8e:5b:1c

Fingerprint (SHA1): 91:21:98:ee:f2:3d:ca:c4:09:39:31:2f:ee:97:dd:56:0b:ae:49:b1

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Verizon Global Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\134\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\031\060\027\006\003\125\004\012\014\020\126\145\162\151\172\157
\156\040\102\165\163\151\156\145\163\163\061\021\060\017\006\003
\125\004\013\014\010\117\155\156\151\122\157\157\164\061\037\060
\035\006\003\125\004\003\014\026\126\145\162\151\172\157\156\040
\107\154\157\142\141\154\040\122\157\157\164\040\103\101
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\134\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\031\060\027\006\003\125\004\012\014\020\126\145\162\151\172\157
\156\040\102\165\163\151\156\145\163\163\061\021\060\017\006\003
\125\004\013\014\010\117\155\156\151\122\157\157\164\061\037\060
\035\006\003\125\004\003\014\026\126\145\162\151\172\157\156\040
\107\154\157\142\141\154\040\122\157\157\164\040\103\101
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\001\001
```

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\165\060\202\002\135\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\134\061\013\060\011\006\003\125\004\006\023\002\125\123\061\031
\060\027\006\003\125\004\012\014\020\126\145\162\151\172\157\156
\040\102\165\163\151\156\145\163\163\061\021\060\017\006\003\125
\004\013\014\010\117\155\156\151\122\157\157\164\061\037\060\035
\006\003\125\004\003\014\026\126\145\162\151\172\157\156\040\107
\154\157\142\141\154\040\122\157\157\164\040\103\101\060\036\027
\015\060\071\060\067\063\060\061\064\062\067\060\064\132\027\015
\063\064\060\067\063\060\061\064\062\067\060\064\132\060\134\061
\013\060\011\006\003\125\004\006\023\002\125\123\061\031\060\027
\006\003\125\004\012\014\020\126\145\162\151\172\157\156\040\102
\165\163\151\156\145\163\163\061\021\060\017\006\003\125\004\013
\014\010\117\155\156\151\122\157\157\164\061\037\060\035\006\003
\125\004\003\014\026\126\145\162\151\172\157\156\040\107\154\157
\142\141\154\040\122\157\157\164\040\103\101\060\202\001\042\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\001\017\000\060\202\001\012\002\202\001\001\000\212\000\014\160
\035\277\353\064\206\303\231\105\065\036\177\103\367\253\157\044
\055\315\031\302\020\273\260\312\051\133\251\040\253\253\162\054
\304\342\002\071\155\202\270\305\021\352\370\373\263\236\142\370
\063\036\260\037\311\343\366\067\333\004\310\073\143\117\066\342
\205\244\045\035\307\151\037\004\275\150\105\023\226\007\037\224
\120\365\076\305\047\124\236\300\111\127\104\216\007\143\324\246
\256\355\042\231\314\115\226\151\004\023\156\166\211\237\164\026
\224\371\035\124\275\242\271\322\203\001\042\014\115\104\200\252
\376\065\211\047\045\247\206\211\306\325\032\222\343\217\305\225
\240\024\162\232\350\126\305\002\125\034\227\371\040\056\320\365
\074\023\031\132\366\341\371\013\003\202\151\247\214\267\326\157
\234\126\076\235\350\052\011\140\155\113\346\373\213\231\024\367
\064\117\145\131\200\215\271\127\310\242\065\041\330\210\161\126
\135\356\202\127\055\046\220\030\237\232\234\234\217\357\324\305
\143\247\124\175\107\221\207\175\032\022\250\033\030\157\251\157
\261\047\272\344\004\164\316\067\036\177\146\305\002\003\001\000
\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004
\024\114\070\021\270\230\000\133\132\053\160\076\252\170\344\325
\147\147\147\247\176\060\015\006\011\052\206\110\206\367\015\001
\001\013\005\000\003\202\001\001\000\001\137\240\261\006\001\364
\171\327\145\030\140\076\317\171\240\272\302\043\117\043\337\207
\226\137\201\016\070\025\056\134\310\002\150\051\040\374\213\356
\245\212\030\201\144\134\230\065\176\071\060\202\244\202\212\120
\265\272\303\350\132\326\250\236\342\303\027\333\333\304\353\260
\012\040\015\351\236\343\377\140\124\107\361\073\235\324\050\074
\242\256\243\373\252\213\202\042\052\065\207\220\270\034\131\107

```
\220\325\235\056\372\111\343\145\250\066\353\307\344\034\150\334
\263\061\154\253\116\316\044\200\025\310\020\131\020\021\162\115
\172\234\230\234\304\374\141\340\263\262\235\116\240\306\302\131
\253\030\326\242\125\105\354\051\252\045\067\326\116\112\075\013
\100\301\344\223\344\374\315\221\013\370\346\253\314\263\166\304
\142\277\031\355\206\266\171\303\051\124\124\274\231\175\106\127
\317\246\317\364\124\052\232\003\145\107\001\241\102\052\313\045
\107\156\174\136\000\113\221\331\371\033\020\006\160\371\102\025
\246\137\252\327\100\036\375\311\110\235\227\201\352\134\150\302
\240\347\211\241\123\115\277\307\343
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Verizon Global Root CA"

Issuer: CN=Verizon Global Root CA,OU=OmniRoot,O=Verizon Business,C=US

Serial Number: 1 (0x1)

Subject: CN=Verizon Global Root CA,OU=OmniRoot,O=Verizon Business,C=US

Not Valid Before: Thu Jul 30 14:27:04 2009

Not Valid After: Sun Jul 30 14:27:04 2034

Fingerprint (MD5): f4:c3:f3:e9:53:c2:94:65:27:3d:52:89:f1:8e:5b:1c

Fingerprint (SHA1): 91:21:98:ee:f2:3d:ca:c4:09:39:31:2f:ee:97:dd:56:0b:ae:49:b1

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Verizon Global Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

```
\221\041\230\356\362\075\312\304\011\071\061\057\356\227\335\126
\013\256\111\261
```

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

```
\364\303\363\351\123\302\224\145\047\075\122\211\361\216\133\034
```

END

CKA_ISSUER MULTILINE_OCTAL

```
\060\134\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\031\060\027\006\003\125\004\012\014\020\126\145\162\151\172\157
\156\040\102\165\163\151\156\145\163\163\061\021\060\017\006\003
\125\004\013\014\010\117\155\156\151\122\157\157\164\061\037\060
\035\006\003\125\004\003\014\026\126\145\162\151\172\157\156\040
\107\154\157\142\141\154\040\122\157\157\164\040\103\101
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\001\001
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "SwissSign Silver Root CA - G3"

Issuer: CN=SwissSign Silver Root CA - G3,O=SwissSign AG,C=CH

Serial Number:aa:88:b0:5a:0b:b1:76:9b

Subject: CN=SwissSign Silver Root CA - G3,O=SwissSign AG,C=CH

Not Valid Before: Tue Aug 04 13:19:14 2009

Not Valid After: Tue Aug 04 13:19:14 2037

Fingerprint (MD5): 40:e4:e0:25:6e:96:e0:01:a1:c8:4c:43:4c:f9:dc:33

Fingerprint (SHA1): 8d:08:fc:43:c0:77:0c:a8:4f:4d:cc:b2:d4:1a:5d:95:6d:78:6d:c4

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SwissSign Silver Root CA - G3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\114\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\046\060\044\006\003\125\004\003\023
\035\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\122\157\157\164\040\103\101\040\055\040\107\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\114\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\046\060\044\006\003\125\004\003\023
\035\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\122\157\157\164\040\103\101\040\055\040\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\011\000\252\210\260\132\013\261\166\233

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\176\060\202\003\146\240\003\002\001\002\002\011\000
\252\210\260\132\013\261\166\233\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\060\114\061\013\060\011\006\003\125
\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023
\014\123\167\151\163\163\123\151\147\156\040\101\107\061\046\060
\044\006\003\125\004\003\023\035\123\167\151\163\163\123\151\147
\156\040\123\151\154\166\145\162\040\122\157\157\164\040\103\101
\040\055\040\107\063\060\036\027\015\060\071\060\070\060\064\061
\063\061\071\061\064\132\027\015\063\067\060\070\060\064\061\063
\061\071\061\064\132\060\114\061\013\060\011\006\003\125\004\006

\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014\123
\167\151\163\163\123\151\147\156\040\101\107\061\046\060\044\006
\003\125\004\003\023\035\123\167\151\163\163\123\151\147\156\040
\123\151\154\166\145\162\040\122\157\157\164\040\103\101\040\055
\040\107\063\060\202\002\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002
\202\002\001\000\276\207\233\005\346\161\174\122\157\155\354\067
\251\351\263\334\314\137\177\323\120\352\041\233\004\360\075\277
\276\216\311\245\024\026\062\020\317\231\374\354\160\255\110\066
\147\044\014\027\062\326\051\345\112\071\261\067\353\246\170\014
\154\157\031\312\116\367\121\332\032\350\372\041\070\154\225\234
\057\326\213\314\073\002\233\277\046\233\021\105\266\270\064\132
\035\246\124\110\122\310\235\170\161\316\110\112\314\247\170\203
\334\150\253\146\036\167\007\323\066\030\010\327\324\155\140\370
\360\171\323\063\066\011\222\143\267\004\232\365\247\226\332\105
\257\164\032\374\202\343\250\133\016\072\077\122\127\230\176\274
\234\214\301\300\262\132\337\304\176\376\014\246\124\166\203\176
\272\335\347\052\364\112\066\117\207\145\056\245\272\071\215\131
\141\051\363\323\216\044\160\214\123\233\021\245\107\007\262\165
\005\134\015\204\331\104\331\315\311\046\104\127\156\002\175\225
\001\324\253\044\206\356\075\160\373\127\372\260\051\024\320\235
\362\305\227\313\011\312\361\362\075\347\330\113\226\351\210\057
\236\107\121\212\124\145\230\110\322\022\344\124\167\014\007\346
\276\133\234\361\335\003\176\215\204\374\276\311\142\325\374\311
\072\350\211\265\137\302\005\122\141\360\234\076\354\056\115\214
\162\221\216\310\103\301\242\050\136\365\200\044\334\342\057\207
\073\123\000\345\313\360\262\174\215\171\031\240\210\315\170\370
\305\212\132\167\345\006\254\335\112\336\346\160\156\276\257\276
\365\261\253\016\010\260\333\240\077\224\305\276\022\271\274\173
\047\171\265\062\051\135\256\305\040\043\222\003\173\124\071\260
\211\042\124\155\022\343\303\170\352\072\100\375\244\223\254\351
\055\210\074\333\246\107\146\114\337\330\027\355\026\336\032\326
\327\101\146\277\035\200\361\244\340\144\021\051\136\014\047\005
\142\353\345\304\004\142\321\304\237\014\152\125\326\130\070\234
\146\017\235\373\253\124\200\231\234\354\111\326\202\237\332\105
\326\077\123\006\003\267\375\037\354\206\175\164\340\244\264\350
\062\266\252\007\043\370\357\044\101\236\143\060\170\364\124\335
\216\360\132\070\216\022\177\170\307\157\002\126\041\063\316\270
\270\255\151\125\002\003\001\000\001\243\143\060\141\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035
\006\003\125\035\016\004\026\004\024\241\214\105\223\012\022\143
\013\247\127\137\062\112\175\341\041\347\267\076\146\060\037\006
\003\125\035\043\004\030\060\026\200\024\241\214\105\223\012\022
\143\013\247\127\137\062\112\175\341\041\347\267\076\146\060\015
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002
\001\000\207\256\141\155\110\070\052\306\034\334\112\056\204\170
\111\300\043\052\105\270\065\115\321\005\372\271\005\063\304\144

\275\333\255\124\026\052\260\076\015\132\050\332\246\032\200\163
\014\304\101\157\257\270\064\266\167\324\133\216\035\013\213\106
\220\104\265\263\356\111\030\211\301\113\064\263\207\065\164\242
\236\105\147\355\105\161\146\266\271\241\045\163\327\302\254\210
\373\322\035\247\153\332\300\132\346\330\131\144\064\227\145\040
\061\063\003\117\316\255\011\236\256\351\302\076\030\165\264\063
\045\022\273\005\354\120\272\161\100\342\275\336\210\106\005\041
\204\213\243\053\036\353\060\060\211\277\021\365\134\104\370\221
\213\113\131\105\013\060\015\312\014\117\157\143\276\004\376\301
\355\340\207\376\310\315\126\277\345\334\216\172\324\326\051\116
\200\333\253\233\077\216\145\007\042\367\104\315\226\037\055\307
\365\011\266\230\160\377\070\334\120\025\021\204\073\177\251\360
\330\044\124\310\027\214\053\023\111\326\231\177\105\321\017\216
\277\151\162\067\123\007\364\346\256\375\133\076\171\271\006\315
\270\201\170\264\115\240\320\065\272\344\256\377\323\111\274\065
\355\143\306\263\374\343\253\141\132\005\266\013\344\377\251\052
\276\337\124\116\302\113\134\150\332\243\062\242\311\115\127\030
\123\064\131\074\146\231\327\074\002\170\247\114\161\320\277\333
\361\304\074\347\001\346\004\362\104\366\110\046\060\063\311\261
\001\031\353\002\361\314\041\372\072\002\060\027\235\310\137\200
\077\335\045\254\002\233\343\027\336\275\312\222\024\322\122\201
\123\346\352\374\060\147\062\251\142\366\223\027\025\007\061\136
\017\033\151\365\364\251\267\174\055\263\355\204\104\062\107\050
\007\073\206\151\105\251\307\066\226\220\162\164\330\022\246\163
\043\321\116\271\266\172\072\304\051\241\120\006\021\271\331\364
\046\156\142\010\022\040\026\360\001\127\027\324\005\066\147\227
\353\121\371\377\063\044\014\005\017\126\277\357\075\034\122\216
\212\336\151\017\132\037\360\325\003\061\104\263\222\306\352\165
\250\256\273\307\140\003\210\230\377\307\004\204\122\220\206\341
\264\223\251\120\057\350\353\322\066\254\060\140\247\320\003\023
\265\012

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "SwissSign Silver Root CA - G3"
Issuer: CN=SwissSign Silver Root CA - G3,O=SwissSign AG,C=CH
Serial Number:aa:88:b0:5a:0b:b1:76:9b
Subject: CN=SwissSign Silver Root CA - G3,O=SwissSign AG,C=CH
Not Valid Before: Tue Aug 04 13:19:14 2009
Not Valid After: Tue Aug 04 13:19:14 2037
Fingerprint (MD5): 40:e4:e0:25:6e:96:e0:01:a1:c8:4c:43:4c:f9:dc:33
Fingerprint (SHA1): 8d:08:fc:43:c0:77:0c:a8:4f:4d:cc:b2:d4:1a:5d:95:6d:78:6d:c4
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Silver Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\215\010\374\103\300\167\014\250\117\115\314\262\324\032\135\225
\155\170\155\304
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\100\344\340\045\156\226\340\001\241\310\114\103\114\371\334\063
END
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\046\060\044\006\003\125\004\003\023
\035\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\252\210\260\132\013\261\166\233
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "SwissSign Platinum Root CA - G3"
# Issuer: CN=SwissSign Platinum Root CA - G3,O=SwissSign AG,C=CH
# Serial Number:22:3f:a9:17:20:de:81:94
# Subject: CN=SwissSign Platinum Root CA - G3,O=SwissSign AG,C=CH
# Not Valid Before: Tue Aug 04 13:34:04 2009
# Not Valid After: Tue Aug 04 13:34:04 2037
# Fingerprint (MD5): 20:de:12:0b:a8:6e:d9:34:a8:4e:b2:0d:1e:a6:43:39
# Fingerprint (SHA1): a1:e7:c6:00:aa:41:70:e5:b7:4b:c9:4f:9b:97:03:ed:c2:61:b4:b9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\050\060\046\006\003\125\004\003\023
\037\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151
\156\165\155\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

```

\060\116\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\050\060\046\006\003\125\004\003\023
\037\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151
\156\165\155\040\122\157\157\164\040\103\101\040\055\040\107\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\042\077\251\027\040\336\201\224

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\201\060\202\003\151\240\003\002\001\002\002\010\042
\077\251\027\040\336\201\224\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\116\061\013\060\011\006\003\125\004
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014
\123\167\151\163\163\123\151\147\156\040\101\107\061\050\060\046
\006\003\125\004\003\023\037\123\167\151\163\163\123\151\147\156
\040\120\154\141\164\151\156\165\155\040\122\157\157\164\040\103
\101\040\055\040\107\063\060\036\027\015\060\071\060\070\060\064
\061\063\063\064\060\064\132\027\015\063\067\060\070\060\064\061
\063\063\064\060\064\132\060\116\061\013\060\011\006\003\125\004
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014
\123\167\151\163\163\123\151\147\156\040\101\107\061\050\060\046
\006\003\125\004\003\023\037\123\167\151\163\163\123\151\147\156
\040\120\154\141\164\151\156\165\155\040\122\157\157\164\040\103
\101\040\055\040\107\063\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\224\240\357\023\033\237\104\040\033
\315\305\252\042\273\331\362\122\076\172\132\130\167\346\215\241
\053\311\334\244\363\344\263\023\224\000\142\233\034\362\103\120
\103\201\176\257\060\066\111\254\030\211\014\030\105\270\076\307
\124\155\343\330\232\131\153\212\032\045\251\266\265\015\267\175
\043\360\137\175\250\007\251\367\076\206\056\310\001\115\334\346
\066\355\035\345\067\007\151\022\113\343\203\321\004\034\044\360
\037\160\161\347\031\355\163\110\156\225\053\025\266\126\346\002
\337\126\351\233\372\352\246\356\340\302\303\272\340\314\306\310
\173\327\157\072\225\233\072\217\276\133\054\322\251\240\070\076
\326\210\341\261\142\023\216\334\253\060\147\315\250\152\246\143
\053\202\260\313\307\075\116\355\162\366\175\253\062\116\145\002
\353\017\231\164\370\034\032\050\214\016\105\000\223\054\024\237
\155\307\033\236\366\212\334\173\170\343\264\224\107\035\115\005
\155\204\172\220\124\262\236\213\165\302\200\337\207\071\077\237
\373\110\124\007\215\240\051\365\371\140\137\132\162\350\273\233
\240\102\340\010\000\064\243\025\074\023\343\326\032\153\002\262
\224\041\243\235\101\274\052\153\116\063\073\246\224\070\374\075
\307\053\063\263\056\053\006\164\254\233\020\157\305\116\105\367
\135\241\126\003\054\015\137\172\275\036\336\035\167\220\153\332
\245\055\212\114\351\337\101\364\347\113\354\175\225\102\237\114
\251\011\017\103\210\077\075\223\347\053\364\172\110\332\150\304

\335\022\200\061\032\135\044\124\046\246\044\041\263\114\255\332
\027\010\066\002\127\306\234\206\160\311\165\311\236\174\141\330
\170\346\271\350\024\151\371\034\020\050\022\135\113\165\120\272
\074\320\147\160\125\125\126\113\373\075\034\330\333\171\115\227
\337\270\236\333\027\054\325\065\007\270\120\251\367\216\367\126
\377\172\147\103\117\040\331\312\146\326\070\140\113\356\224\061
\326\015\242\110\233\377\064\151\224\306\065\365\226\210\357\252
\146\314\201\246\353\114\123\377\062\164\247\266\235\230\127\264
\272\046\251\361\063\063\142\176\072\260\003\021\127\377\334\157
\021\043\255\076\306\012\320\314\124\267\055\302\223\035\345\302
\246\214\307\330\357\123\367\002\003\001\000\001\243\143\060\141
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\035\006\003\125\035\016\004\026\004\024\126\052\077\220
\130\364\027\132\024\262\327\010\033\205\133\124\152\124\032\050
\060\037\006\003\125\035\043\004\030\060\026\200\024\126\052\077
\220\130\364\027\132\024\262\327\010\033\205\133\124\152\124\032
\050\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\003\202\002\001\000\154\355\212\347\103\250\171\047\233\270\317
\207\076\144\070\030\214\021\102\222\206\067\340\130\303\033\356
\004\056\367\204\354\203\020\150\014\177\170\055\234\302\227\216
\066\116\026\330\016\352\153\110\255\117\236\135\015\314\015\251
\076\030\205\176\314\150\231\071\065\326\330\237\206\301\062\373
\115\145\263\042\024\113\310\205\146\332\027\377\161\221\254\234
\126\127\336\161\054\126\102\277\370\315\016\360\242\323\377\322
\042\025\373\320\170\012\176\341\260\132\316\216\067\333\251\236
\347\225\317\143\362\054\015\322\372\157\363\310\325\373\000\267
\367\065\147\020\323\173\122\354\020\062\370\277\335\136\311\246
\202\244\361\260\277\035\056\335\045\344\275\115\360\065\251\221
\001\107\370\020\002\224\133\353\076\353\015\272\325\035\143\054
\245\056\253\347\343\036\243\356\113\252\137\261\146\001\264\202
\132\371\106\113\307\361\370\337\054\276\375\165\335\226\070\232
\067\072\156\245\346\062\025\156\263\220\300\071\212\164\245\225
\240\276\015\056\211\171\315\051\126\216\303\136\127\121\304\005
\157\004\125\217\201\351\114\275\131\106\313\052\274\115\311\035
\362\306\117\005\344\310\004\015\367\156\117\332\303\072\234\322
\302\365\351\306\044\172\024\076\034\102\060\250\002\105\061\251
\374\120\251\334\334\206\070\017\133\223\077\177\010\116\152\015
\047\072\020\171\126\303\025\270\076\006\206\366\331\160\147\257
\165\172\213\342\130\314\306\165\117\062\125\305\154\024\011\050
\073\362\225\344\152\336\054\050\007\255\240\175\007\050\335\324
\132\243\351\246\174\023\214\231\013\122\170\333\331\321\337\076
\132\103\166\177\106\140\123\302\315\347\166\107\174\125\315\264
\071\144\020\133\225\113\065\135\104\203\044\325\340\056\044\014
\301\200\156\151\000\200\006\167\012\146\202\020\014\121\157\067
\211\127\333\363\114\345\270\271\356\043\146\227\140\267\122\335
\331\226\373\272\212\073\240\115\316\136\360\104\114\220\314\041
\117\033\072\230\153\216\061\203\371\203\010\122\313\031\301\065

\153\356\241\025\133\210\077\155\254\362\064\222\123\246\060\052
\023\327\346\206\250\135\331\102\322\307\235\251\172\213\313\337
\356\242\061\302\345

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "SwissSign Platinum Root CA - G3"

Issuer: CN=SwissSign Platinum Root CA - G3,O=SwissSign AG,C=CH

Serial Number:22:3f:a9:17:20:de:81:94

Subject: CN=SwissSign Platinum Root CA - G3,O=SwissSign AG,C=CH

Not Valid Before: Tue Aug 04 13:34:04 2009

Not Valid After: Tue Aug 04 13:34:04 2037

Fingerprint (MD5): 20:de:12:0b:a8:6e:d9:34:a8:4e:b2:0d:1e:a6:43:39

Fingerprint (SHA1): a1:e7:c6:00:aa:41:70:e5:b7:4b:c9:4f:9b:97:03:ed:c2:61:b4:b9

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SwissSign Platinum Root CA - G3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\241\347\306\000\252\101\160\345\267\113\311\117\233\227\003\355
\302\141\264\271

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\040\336\022\013\250\156\331\064\250\116\262\015\036\246\103\071

END

CKA_ISSUER MULTILINE_OCTAL

\060\116\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\050\060\046\006\003\125\004\003\023
\037\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151
\156\165\155\040\122\157\157\164\040\103\101\040\055\040\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\042\077\251\027\040\336\201\224

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "SwissSign Gold Root CA - G3"

Issuer: CN=SwissSign Gold Root CA - G3,O=SwissSign AG,C=CH

Serial Number:de:c4:f2:44:f3:1d:a6:fc

```
# Subject: CN=SwissSign Gold Root CA - G3,O=SwissSign AG,C=CH
# Not Valid Before: Tue Aug 04 13:31:47 2009
# Not Valid After: Tue Aug 04 13:31:47 2037
# Fingerprint (MD5): c2:64:4c:e2:7d:eb:6c:7b:ec:36:e0:39:df:68:9c:67
# Fingerprint (SHA1): 0b:71:99:a1:c7:f3:ad:df:7b:a7:ea:b8:eb:57:4a:e8:0d:60:dd:de
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Gold Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\044\060\042\006\003\125\004\003\023
\033\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\044\060\042\006\003\125\004\003\023
\033\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\336\304\362\104\363\035\246\374
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\172\060\202\003\142\240\003\002\001\002\002\011\000
\336\304\362\104\363\035\246\374\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\060\112\061\013\060\011\006\003\125
\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023
\014\123\167\151\163\163\123\151\147\156\040\101\107\061\044\060
\042\006\003\125\004\003\023\033\123\167\151\163\163\123\151\147
\156\040\107\157\154\144\040\122\157\157\164\040\103\101\040\055
\040\107\063\060\036\027\015\060\071\060\070\060\064\061\063\063
\061\064\067\132\027\015\063\067\060\070\060\064\061\063\063\061
\064\067\132\060\112\061\013\060\011\006\003\125\004\006\023\002
\103\110\061\025\060\023\006\003\125\004\012\023\014\123\167\151
\163\163\123\151\147\156\040\101\107\061\044\060\042\006\003\125
\004\003\023\033\123\167\151\163\163\123\151\147\156\040\107\157
\154\144\040\122\157\157\164\040\103\101\040\055\040\107\063\060
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000
\303\350\237\310\145\132\235\147\033\301\105\227\264\264\207\103
\133\141\140\200\236\362\177\136\371\147\104\335\104\372\253\265
```


\253\167\377\052\031\114\316\157\304\217\101\237\340\342\315\162
\340\321\324\122\141\101\011\012\277\012\160\373\340\203\151\141
\051\312\333\042\232\133\245\346\335\027\225\260\157\204\216\072
\076\144\132\101\373\033\130\374\375\053\076\262\244\346\254\311
\202\274\316\366\225\370\227\167\355\046\366\130\256\236\047\342
\017\203\354\305\066\130\310\173\317\325\207\241\251\207\032\023
\147\141\001\155\246\151\234\342\220\361\053\150\145\363\350\260
\174\374\202\075\336\255\330\012\000\011\104\171\023\234\360\376
\156\165\173\302\274\263\131\001\013\174\305\325\055\360\277\377
\155\127\322\111\201\353\264\263\120\254\133\371\013\025\025\214
\151\377\243\071\001\355\374\334\334\047\227\216\173\213\325\152
\246\326\340\035\137\315\001\221\346\365\042\230\272\056\011\030
\070\157\023\250\201\322\373\041\067\347\055\264\142\347\201\220
\260\306\171\131\267\147\165\376\276\217\073\372\066\354\257\255
\322\117\164\066\001\345\127\253\043\004\314\112\136\227\317\176
\306\357\214\314\225\043\151\215\313\070\307\031\366\326\212\000
\024\036\064\075\157\332\014\013\303\272\227\374\021\113\122\141
\076\277\063\147\123\020\277\170\033\011\302\107\272\036\257\130
\365\165\201\177\275\126\361\353\126\327\331\151\014\007\351\067
\061\260\022\034\062\357\126\331\276\172\053\174\275\323\075\274
\152\063\115\072\074\120\020\207\047\307\172\012\147\123\333\177
\200\233\350\236\043\372\371\010\072\213\241\216\064\132\110\063
\137\144\323\227\206\007\031\175\210\224\316\052\174\305\152\337
\257\274\251\237\315\072\246\272\273\124\371\177\217\337\317\016
\132\304\255\232\274\263\072\167\163\203\114\223\074\220\150\265
\174\120\225\021\310\202\136\224\161\320\101\030\373\311\306\145
\354\316\211\266\316\042\263\021\133\077\340\235\076\033\030\150
\015\252\003\241\147\131\277\153\235\274\370\362\145\057\232\101
\072\105\330\136\320\066\154\157\073\036\143\264\216\230\114\023
\333\041\016\237\173\355\352\240\252\161\303\353\243\240\322\045
\002\003\001\000\001\243\143\060\141\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\134\227\006\106\064\253\337\060\305\174\305
\015\125\161\146\060\265\140\217\236\060\037\006\003\125\035\043
\004\030\060\026\200\024\134\227\006\106\064\253\337\060\305\174
\305\015\125\161\146\060\265\140\217\236\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\167\113
\115\336\352\205\112\253\054\047\326\105\307\361\137\040\301\133
\140\355\007\313\242\063\334\066\317\307\224\361\006\307\325\332
\317\315\255\204\076\377\022\110\177\101\350\245\146\127\060\304
\035\344\247\032\057\055\102\301\357\106\163\262\325\365\132\375
\016\172\153\322\310\061\243\015\110\226\127\145\143\125\030\300
\374\344\212\314\230\206\133\253\014\212\047\067\372\043\150\131
\134\046\327\241\301\302\271\116\054\377\051\136\346\224\013\276
\315\162\117\225\350\217\366\367\270\076\136\316\317\236\021\311
\254\003\051\110\212\251\266\246\064\271\254\100\377\304\266\163
\067\261\307\177\251\121\333\113\052\107\137\100\044\007\210\006

```
\267\044\263\373\177\367\260\213\063\372\277\043\165\243\134\376
\252\145\032\302\276\361\175\201\167\003\201\261\215\327\225\015
\172\074\102\230\267\217\251\175\120\341\337\122\006\232\240\122
\124\170\203\007\141\122\011\067\136\212\234\247\306\121\321\134
\143\321\204\334\302\333\322\372\133\030\066\175\146\274\324\050
\227\057\165\226\034\204\007\254\213\216\123\021\276\044\041\252
\147\362\301\255\210\234\323\260\170\147\170\365\323\130\003\040
\012\135\040\361\265\347\145\314\016\040\343\325\337\346\057\031
\053\205\150\301\004\046\317\217\355\005\123\241\335\007\016\353
\101\046\307\264\251\054\133\343\151\075\146\300\142\033\300\252
\206\300\067\303\061\004\206\160\071\276\153\137\041\100\101\240
\177\345\331\017\070\113\160\137\111\370\205\270\053\056\252\037
\223\101\103\370\373\262\164\074\037\113\127\133\267\324\121\241
\222\112\316\276\020\242\356\330\024\042\173\271\101\275\215\351
\210\251\321\217\003\032\140\377\077\207\211\240\231\047\042\146
\260\076\150\236\162\210\121\070\235\023\076\105\155\005\345\106
\265\163\355\103\206\261\024\012\036\274\332\015\277\036\044\134
\146\217\016\276\241\375\306\353\151\274\103\171\327\003\166\371
\334\207\231\270\230\304\315\177\155\020\371\020\276\054\102\376
\234\051\115\203\153\012\275\265\216\304\110\212\375\041\007\246
\200\175\037\233\351\253\275\202\141\104\012\161\047\137\155\233
\220\236\256\377\066\044\263\150\003\326\225\214\153\163
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "SwissSign Gold Root CA - G3"
# Issuer: CN=SwissSign Gold Root CA - G3,O=SwissSign AG,C=CH
# Serial Number:de:c4:f2:44:f3:1d:a6:fc
# Subject: CN=SwissSign Gold Root CA - G3,O=SwissSign AG,C=CH
# Not Valid Before: Tue Aug 04 13:31:47 2009
# Not Valid After: Tue Aug 04 13:31:47 2037
# Fingerprint (MD5): c2:64:4c:e2:7d:eb:6c:7b:ec:36:e0:39:df:68:9c:67
# Fingerprint (SHA1): 0b:71:99:a1:c7:f3:ad:df:7b:a7:ea:b8:eb:57:4a:e8:0d:60:dd:de
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Gold Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\013\161\231\241\307\363\255\337\173\247\352\270\353\127\112\350
\015\140\335\336
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\302\144\114\342\175\353\154\173\354\066\340\071\337\150\234\147
```

END

```

CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\044\060\042\006\003\125\004\003\023
\033\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\336\304\362\104\363\035\246\374
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "SITHS CA v3"
# Issuer: CN=SITHS CA v3,O=Carelink,C=SE
# Serial Number:1b:d4:0e:d4:34:d1:da:15:a6:00:30:15:02:4d:a4:6c
# Subject: CN=SITHS CA v3,O=Carelink,C=SE
# Not Valid Before: Mon Nov 28 10:27:50 2005
# Not Valid After: Sat Nov 28 06:02:38 2015
# Fingerprint (MD5): 51:c6:bb:37:df:2c:7b:55:0f:84:d4:f3:68:5a:be:eb
# Fingerprint (SHA1): 16:d8:66:35:af:13:41:cd:34:79:94:45:eb:60:3e:27:37:02:96:5d
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SITHS CA v3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\066\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\021\060\017\006\003\125\004\012\014\010\103\141\162\145\154\151
\156\153\061\024\060\022\006\003\125\004\003\014\013\123\111\124
\110\123\040\103\101\040\166\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\066\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\021\060\017\006\003\125\004\012\014\010\103\141\162\145\154\151
\156\153\061\024\060\022\006\003\125\004\003\014\013\123\111\124
\110\123\040\103\101\040\166\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\033\324\016\324\064\321\332\025\246\000\060\025\002\115
\244\154
END
CKA_VALUE MULTILINE_OCTAL

```

\060\202\003\141\060\202\002\111\240\003\002\001\002\002\020\033
\324\016\324\064\321\332\025\246\000\060\025\002\115\244\154\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\066
\061\013\060\011\006\003\125\004\006\023\002\123\105\061\021\060
\017\006\003\125\004\012\014\010\103\141\162\145\154\151\156\153
\061\024\060\022\006\003\125\004\003\014\013\123\111\124\110\123
\040\103\101\040\166\063\060\036\027\015\060\065\061\061\062\070
\061\060\062\067\065\060\132\027\015\061\065\061\061\062\070\060
\066\060\062\063\070\132\060\066\061\013\060\011\006\003\125\004
\006\023\002\123\105\061\021\060\017\006\003\125\004\012\014\010
\103\141\162\145\154\151\156\153\061\024\060\022\006\003\125\004
\003\014\013\123\111\124\110\123\040\103\101\040\166\063\060\202
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\305
\331\133\321\324\053\177\100\147\356\241\133\135\321\332\152\271
\031\061\362\360\046\111\001\145\374\101\124\361\226\221\354\052
\356\004\104\044\036\100\234\347\027\120\077\352\034\174\356\270
\067\071\374\307\323\257\233\156\135\337\076\276\005\374\352\312
\331\371\105\126\341\225\234\261\320\132\217\376\310\052\246\327
\152\154\340\155\135\354\134\166\376\341\231\107\232\251\173\247
\352\346\157\124\002\047\115\121\116\050\075\254\006\072\201\202
\246\034\275\113\244\355\122\022\334\212\052\353\047\364\301\042
\112\020\204\132\165\265\200\042\126\145\353\314\200\362\245\341
\144\276\174\336\017\275\047\007\114\051\133\252\261\357\264\173
\377\207\064\350\243\223\102\313\075\140\273\167\323\302\057\136
\024\370\163\157\244\177\240\234\001\325\325\251\273\014\127\217
\314\300\073\221\170\236\222\071\171\062\114\104\177\307\013\175
\336\372\314\176\332\314\336\015\324\146\266\142\246\063\277\154
\371\325\335\107\122\160\224\313\145\340\105\267\015\327\257\225
\110\327\101\243\073\040\120\015\074\024\125\223\314\352\015\002
\003\001\000\001\243\153\060\151\060\022\006\003\125\035\023\001
\001\377\004\010\060\006\001\001\377\002\001\000\060\021\006\011
\140\206\110\001\206\370\102\001\001\004\004\003\002\002\004\060
\024\006\003\125\035\040\004\015\060\013\060\011\006\007\052\205
\160\112\001\001\003\060\013\006\003\125\035\017\004\004\003\002
\001\006\060\035\006\003\125\035\016\004\026\004\024\174\056\071
\043\062\104\350\017\116\146\362\015\050\376\100\276\302\266\342
\240\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\010\123\132\210\051\015\365\124\330\253\261
\203\271\047\151\132\252\137\053\130\111\324\271\337\157\353\307
\006\353\375\207\232\277\312\022\337\172\236\001\042\045\143\122
\205\157\247\057\016\227\164\140\214\340\110\200\163\335\102\215
\041\355\017\162\177\164\006\156\120\126\073\055\207\354\201\130
\213\066\307\312\000\373\244\004\266\057\070\130\216\167\361\006
\304\055\054\047\055\030\202\013\212\137\042\224\024\025\143\070
\306\245\261\272\340\254\276\076\046\077\221\273\034\203\374\016
\312\311\067\276\067\327\360\173\363\214\330\274\220\013\364\000
\277\124\274\152\112\130\347\312\133\014\031\123\102\007\225\127

```
\065\270\117\226\123\232\250\230\335\116\175\125\264\234\343\272
\300\066\271\267\334\002\230\370\366\345\060\276\054\167\262\363
\311\342\002\243\346\367\104\174\326\152\177\320\170\276\071\163
\370\013\302\037\122\000\016\115\173\306\012\356\142\313\011\325
\017\012\060\207\202\223\274\312\021\244\037\011\372\372\067\120
\354\073\342\074\044\240\200\050\314\373\246\335\357\067\232\251
\061\335\337\352\121
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "SITHS CA v3"

Issuer: CN=SITHS CA v3,O=Carelink,C=SE

Serial Number: 1b:d4:0e:d4:34:d1:da:15:a6:00:30:15:02:4d:a4:6c

Subject: CN=SITHS CA v3,O=Carelink,C=SE

Not Valid Before: Mon Nov 28 10:27:50 2005

Not Valid After: Sat Nov 28 06:02:38 2015

Fingerprint (MD5): 51:c6:bb:37:df:2c:7b:55:0f:84:d4:f3:68:5a:be:eb

Fingerprint (SHA1): 16:d8:66:35:af:13:41:cd:34:79:94:45:eb:60:3e:27:37:02:96:5d

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SITHS CA v3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\026\330\146\065\257\023\101\315\064\171\224\105\353\140\076\047
\067\002\226\135
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\121\306\273\067\337\054\173\125\017\204\324\363\150\132\276\353
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\066\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\021\060\017\006\003\125\004\012\014\010\103\141\162\145\154\151
\156\153\061\024\060\022\006\003\125\004\003\014\013\123\111\124
\110\123\040\103\101\040\166\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\033\324\016\324\064\321\332\025\246\000\060\025\002\115
\244\154
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```

# Microsoft Code Signing Only Certificate
# Certificate "Certinomis - Autorité Racine"
# Issuer: CN=Certinomis - Autorité Racine,OU=0002 433998903,O=Certinomis,C=FR
# Serial Number: 1 (0x1)
# Subject: CN=Certinomis - Autorité Racine,OU=0002 433998903,O=Certinomis,C=FR
# Not Valid Before: Wed Sep 17 08:28:59 2008
# Not Valid After: Sun Sep 17 08:28:59 2028
# Fingerprint (MD5): 7f:30:78:8c:03:e3:ca:c9:0a:e2:c9:ea:1e:aa:55:1a
# Fingerprint (SHA1): 2e:14:da:ec:28:f0:fa:1e:8e:38:9a:4e:ab:eb:26:c0:0a:d3:83:c3
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certinomis - Autorité Racine"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\023\060\021\006\003\125\004\012\023\012\103\145\162\164\151\156
\157\155\151\163\061\027\060\025\006\003\125\004\013\023\016\060
\060\060\062\040\064\063\063\071\071\070\071\060\063\061\046\060
\044\006\003\125\004\003\014\035\103\145\162\164\151\156\157\155
\151\163\040\055\040\101\165\164\157\162\151\164\303\251\040\122
\141\143\151\156\145
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\023\060\021\006\003\125\004\012\023\012\103\145\162\164\151\156
\157\155\151\163\061\027\060\025\006\003\125\004\013\023\016\060
\060\060\062\040\064\063\063\071\071\070\071\060\063\061\046\060
\044\006\003\125\004\003\014\035\103\145\162\164\151\156\157\155
\151\163\040\055\040\101\165\164\157\162\151\164\303\251\040\122
\141\143\151\156\145
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\234\060\202\003\204\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\143\061\013\060\011\006\003\125\004\006\023\002\106\122\061\023
\060\021\006\003\125\004\012\023\012\103\145\162\164\151\156\157
\155\151\163\061\027\060\025\006\003\125\004\013\023\016\060\060
\060\062\040\064\063\063\071\071\070\071\060\063\061\046\060\044
\006\003\125\004\003\014\035\103\145\162\164\151\156\157\155\151
\163\040\055\040\101\165\164\157\162\151\164\303\251\040\122\141
\143\151\156\145\060\036\027\015\060\070\060\071\061\067\060\070
\062\070\065\071\132\027\015\062\070\060\071\061\067\060\070\062

```

\070\065\071\132\060\143\061\013\060\011\006\003\125\004\006\023
\002\106\122\061\023\060\021\006\003\125\004\012\023\012\103\145
\162\164\151\156\157\155\151\163\061\027\060\025\006\003\125\004
\013\023\016\060\060\060\062\040\064\063\063\071\071\070\071\060
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\243\163\067\065\200\175\022\270\063\167\100\070\300\372\136\060
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\166\302\313\073\265\322\000\360\243\016\341\255\156\100\367\333
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END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Certinomis - Autorité Racine"
Issuer: CN=Certinomis - Autorité Racine,OU=0002 433998903,O=Certinomis,C=FR
Serial Number: 1 (0x1)
Subject: CN=Certinomis - Autorité Racine,OU=0002 433998903,O=Certinomis,C=FR
Not Valid Before: Wed Sep 17 08:28:59 2008
Not Valid After: Sun Sep 17 08:28:59 2028
Fingerprint (MD5): 7f:30:78:8c:03:e3:ca:c9:0a:e2:c9:ea:1e:aa:55:1a
Fingerprint (SHA1): 2e:14:da:ec:28:f0:fa:1e:8e:38:9a:4e:ab:eb:26:c0:0a:d3:83:c3
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE


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CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certinomis - Autorité Racine"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\056\024\332\354\050\360\372\036\216\070\232\116\253\353\046\300
\012\323\203\303
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\177\060\170\214\003\343\312\311\012\342\311\352\036\252\125\032
END
CKA_ISSUER MULTILINE_OCTAL
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\023\060\021\006\003\125\004\012\023\012\103\145\162\164\151\156
\157\155\151\163\061\027\060\025\006\003\125\004\013\023\016\060
\060\060\062\040\064\063\063\071\071\070\071\060\063\061\046\060
\044\006\003\125\004\003\014\035\103\145\162\164\151\156\157\155
\151\163\040\055\040\101\165\164\157\162\151\164\303\251\040\122
\141\143\151\156\145
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "ANF Server CA"
# Issuer: CN=ANF Server CA,2.5.4.5=G63287510,OU=ANF Clase 1 CA,O=ANF Autoridad de
Certificación,L=Barcelona (see current address at https://www.anf.es/address/),ST=Barcelona,C=ES
# Serial Number: 78923 (0x1344b)
# Subject: CN=ANF Server CA,2.5.4.5=G63287510,OU=ANF Clase 1 CA,O=ANF Autoridad de
Certificación,L=Barcelona (see current address at https://www.anf.es/address/),ST=Barcelona,C=ES
# Not Valid Before: Mon Nov 30 23:00:00 2009
# Not Valid After: Tue Nov 30 23:00:00 2021
# Fingerprint (MD5): 8c:18:ed:28:bf:45:19:e6:49:98:e1:35:22:2f:54:c6
# Fingerprint (SHA1): ce:a9:89:0d:85:d8:07:53:a6:26:28:6c:da:d7:8c:b5:66:d7:0c:f2
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANF Server CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\331\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\022\060\020\006\003\125\004\010\014\011\102\141\162\143\145
\154\157\156\141\061\107\060\105\006\003\125\004\007\014\076\102

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\040\150\164\164\160\163\072\057\057\167\167\167\056\141\156\146
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\162\151\144\141\144\040\144\145\040\103\145\162\164\151\146\151
\143\141\143\151\303\263\156\061\027\060\025\006\003\125\004\013
\014\016\101\116\106\040\103\154\141\163\145\040\061\040\103\101
\061\022\060\020\006\003\125\004\005\023\011\107\066\063\062\070
\067\065\061\060\061\026\060\024\006\003\125\004\003\014\015\101
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END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

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\141\162\143\145\154\157\156\141\040\050\163\145\145\040\143\165
\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164
\040\150\164\164\160\163\072\057\057\167\167\167\056\141\156\146
\056\145\163\057\141\144\144\162\145\163\163\057\051\061\050\060
\046\006\003\125\004\012\014\037\101\116\106\040\101\165\164\157
\162\151\144\141\144\040\144\145\040\103\145\162\164\151\146\151
\143\141\143\151\303\263\156\061\027\060\025\006\003\125\004\013
\014\016\101\116\106\040\103\154\141\163\145\040\061\040\103\101
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CKA_SERIAL_NUMBER MULTILINE_OCTAL

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CKA_VALUE MULTILINE_OCTAL

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\145\154\157\156\141\061\107\060\105\006\003\125\004\007\014\076
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\057\247\007\163\354\067\343\103\164\352\371\146\117\136\215\177
\360\346\171\303\115\365\331\070\245\314\312\103\364\123\200\206
\277\274\320\021\135\220\304\302\100\107\353\305\207\223\301\266
\170\136\232\256\207\365\142\020\131\114\114\155\006\276\231\023
\025\263\263\372\034\162\176\340\042\041\001\130\065\070\150\242
\344\370\341\360\360\066\120\221\340\264\167\334\143\204\063\222
\140\270\313\026\362\322\143\073\114\134\065\072\347\254\002\123
\305\034\201\001\167\307\034\021\037\124\060\357\124\217\045\372
\211\047\224\064\243\017\024\117\157\351\163\331\030\142\347\356
\010\350\311\203\173\310\063\233\174\104\232\174\032\220\265\322
\161\211\337\075\364\034\117\116\121\340\311\153\266\252\013\036
\331\060\017\323\143\325\355\160\364\301\203\355\006\105\232\250
\352\264\211\067\375\132\067\107\357\221\171\247\065\377\360\334
\060\355\015\024\147\333\174\132\340\217\155\063\376\074\236\025
\063\303\303\055\016\135\252\174\015\216\061\226\115\213\377\005
\325

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Trust for "ANF Server CA"
# Issuer: CN=ANF Server CA,2.5.4.5=G63287510,OU=ANF Clase 1 CA,O=ANF Autoridad de
Certificación,L=Barcelona (see current address at https://www.anf.es/address/),ST=Barcelona,C=ES
# Serial Number: 78923 (0x1344b)
# Subject: CN=ANF Server CA,2.5.4.5=G63287510,OU=ANF Clase 1 CA,O=ANF Autoridad de
Certificación,L=Barcelona (see current address at https://www.anf.es/address/),ST=Barcelona,C=ES
# Not Valid Before: Mon Nov 30 23:00:00 2009
# Not Valid After: Tue Nov 30 23:00:00 2021
# Fingerprint (MD5): 8c:18:ed:28:bf:45:19:e6:49:98:e1:35:22:2f:54:c6
# Fingerprint (SHA1): ce:a9:89:0d:85:d8:07:53:a6:26:28:6c:da:d7:8c:b5:66:d7:0c:f2
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANF Server CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\316\251\211\015\205\330\007\123\246\046\050\154\332\327\214\265
\146\327\014\362
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\214\030\355\050\277\105\031\346\111\230\341\065\042\057\124\306
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\331\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\022\060\020\006\003\125\004\010\014\011\102\141\162\143\145
\154\157\156\141\061\107\060\105\006\003\125\004\007\014\076\102
\141\162\143\145\154\157\156\141\040\050\163\145\145\040\143\165
\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164
\040\150\164\164\160\163\072\057\057\167\167\167\056\141\156\146
\056\145\163\057\141\144\144\162\145\163\163\057\051\061\050\060
\046\006\003\125\004\012\014\037\101\116\106\040\101\165\164\157
\162\151\144\141\144\040\144\145\040\103\145\162\164\151\146\151
\143\141\143\151\303\263\156\061\027\060\025\006\003\125\004\013
\014\016\101\116\106\040\103\154\141\163\145\040\061\040\103\101
\061\022\060\020\006\003\125\004\005\023\011\107\066\063\062\070
\067\065\061\060\061\026\060\024\006\003\125\004\003\014\015\101
\116\106\040\123\145\162\166\145\162\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\064\113
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Thawte Premium Server CA"
# Issuer: 1.2.840.113549.1.9.1=premium-server@thawte.com,CN=Thawte Premium Server CA,OU=Certification
Services Division,O=Thawte Consulting cc,L=Cape Town,ST=Western Cape,C=ZA
# Serial Number:36:12:22:96:c5:e3:38:a5:20:a1:d2:5f:4c:d7:09:54
# Subject: 1.2.840.113549.1.9.1=premium-server@thawte.com,CN=Thawte Premium Server CA,OU=Certification
Services Division,O=Thawte Consulting cc,L=Cape Town,ST=Western Cape,C=ZA
# Not Valid Before: Thu Aug 01 00:00:00 1996
# Not Valid After: Fri Jan 01 23:59:59 2021
# Fingerprint (MD5): a6:6b:60:90:23:9b:3f:2d:bb:98:6f:d6:a7:19:0d:46
# Fingerprint (SHA1): e0:ab:05:94:20:72:54:93:05:60:62:02:36:70:f7:cd:2e:fc:66:66
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Thawte Premium Server CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\022\060\020\006\003\125\004\007
\023\011\103\141\160\145\040\124\157\167\156\061\035\060\033\006
\003\125\004\012\023\024\124\150\141\167\164\145\040\103\157\156
\163\165\154\164\151\156\147\040\143\143\061\050\060\046\006\003
\125\004\013\023\037\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\123\145\162\166\151\143\145\163\040\104\151\166\151
\163\151\157\156\061\041\060\037\006\003\125\004\003\023\030\124
\150\141\167\164\145\040\120\162\145\155\151\165\155\040\123\145
\162\166\145\162\040\103\101\061\050\060\046\006\011\052\206\110
\206\367\015\001\011\001\026\031\160\162\145\155\151\165\155\055
\163\145\162\166\145\162\100\164\150\141\167\164\145\056\143\157
\155
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\022\060\020\006\003\125\004\007
\023\011\103\141\160\145\040\124\157\167\156\061\035\060\033\006
\003\125\004\012\023\024\124\150\141\167\164\145\040\103\157\156
\163\165\154\164\151\156\147\040\143\143\061\050\060\046\006\003
\125\004\013\023\037\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\123\145\162\166\151\143\145\163\040\104\151\166\151
\163\151\157\156\061\041\060\037\006\003\125\004\003\023\030\124
\150\141\167\164\145\040\120\162\145\155\151\165\155\040\123\145
\162\166\145\162\040\103\101\061\050\060\046\006\011\052\206\110
\206\367\015\001\011\001\026\031\160\162\145\155\151\165\155\055
\163\145\162\166\145\162\100\164\150\141\167\164\145\056\143\157
```

\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\066\022\042\226\305\343\070\245\040\241\322\137\114\327
\011\124
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\066\060\202\002\237\240\003\002\001\002\002\020\066
\022\042\226\305\343\070\245\040\241\322\137\114\327\011\124\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\316\061\013\060\011\006\003\125\004\006\023\002\132\101\061\025
\060\023\006\003\125\004\010\023\014\127\145\163\164\145\162\156
\040\103\141\160\145\061\022\060\020\006\003\125\004\007\023\011
\103\141\160\145\040\124\157\167\156\061\035\060\033\006\003\125
\004\012\023\024\124\150\141\167\164\145\040\103\157\156\163\165
\154\164\151\156\147\040\143\143\061\050\060\046\006\003\125\004
\013\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151
\157\156\061\041\060\037\006\003\125\004\003\023\030\124\150\141
\167\164\145\040\120\162\145\155\151\165\155\040\123\145\162\166
\145\162\040\103\101\061\050\060\046\006\011\052\206\110\206\367
\015\001\011\001\026\031\160\162\145\155\151\165\155\055\163\145
\162\166\145\162\100\164\150\141\167\164\145\056\143\157\155\060
\036\027\015\071\066\060\070\060\061\060\060\060\060\060\132
\027\015\062\061\060\061\060\061\062\063\065\071\065\071\132\060
\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101\061
\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145\162
\156\040\103\141\160\145\061\022\060\020\006\003\125\004\007\023
\011\103\141\160\145\040\124\157\167\156\061\035\060\033\006\003
\125\004\012\023\024\124\150\141\167\164\145\040\103\157\156\163
\165\154\164\151\156\147\040\143\143\061\050\060\046\006\003\125
\004\013\023\037\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\123\145\162\166\151\143\145\163\040\104\151\166\151\163
\151\157\156\061\041\060\037\006\003\125\004\003\023\030\124\150
\141\167\164\145\040\120\162\145\155\151\165\155\040\123\145\162
\166\145\162\040\103\101\061\050\060\046\006\011\052\206\110\206
\367\015\001\011\001\026\031\160\162\145\155\151\165\155\055\163
\145\162\166\145\162\100\164\150\141\167\164\145\056\143\157\155
\060\201\237\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\201\215\000\060\201\211\002\201\201\000\322\066\066
\152\213\327\302\133\236\332\201\101\142\217\070\356\111\004\125
\326\320\357\034\033\225\026\107\357\030\110\065\072\122\364\053
\152\006\217\073\057\352\126\343\257\206\215\236\027\367\236\264
\145\165\002\115\357\313\011\242\041\121\330\233\320\147\320\272
\015\222\006\024\163\324\223\313\227\052\000\234\134\116\014\274
\372\025\122\374\362\104\156\332\021\112\156\010\237\057\055\343
\371\252\072\206\163\266\106\123\130\310\211\005\275\203\021\270
\163\077\252\007\215\364\102\115\347\100\235\034\067\002\003\001

```
\000\001\243\023\060\021\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\003\201\201\000\145\220\254\210\017\126
\331\346\060\064\324\046\307\320\120\361\222\336\153\324\071\210
\011\042\306\246\143\203\003\367\231\167\330\262\345\030\270\135
\143\363\324\163\373\154\234\231\170\361\113\170\175\031\044\303
\053\002\204\370\274\042\331\212\042\327\240\374\161\354\221\207
\040\361\270\354\261\345\125\200\254\075\122\310\071\016\302\360
\300\005\117\326\202\165\214\275\137\322\334\166\232\005\022\311
\257\162\303\334\045\176\244\115\216\027\245\340\207\177\341\232
\132\341\140\334\144\043\074\102\056\115
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "Thawte Premium Server CA"
```

```
# Issuer: 1.2.840.113549.1.9.1=premium-server@thawte.com,CN=Thawte Premium Server CA,OU=Certification
Services Division,O=Thawte Consulting cc,L=Cape Town,ST=Western Cape,C=ZA
```

```
# Serial Number:36:12:22:96:c5:e3:38:a5:20:a1:d2:5f:4c:d7:09:54
```

```
# Subject: 1.2.840.113549.1.9.1=premium-server@thawte.com,CN=Thawte Premium Server CA,OU=Certification
Services Division,O=Thawte Consulting cc,L=Cape Town,ST=Western Cape,C=ZA
```

```
# Not Valid Before: Thu Aug 01 00:00:00 1996
```

```
# Not Valid After: Fri Jan 01 23:59:59 2021
```

```
# Fingerprint (MD5): a6:6b:60:90:23:9b:3f:2d:bb:98:6f:d6:a7:19:0d:46
```

```
# Fingerprint (SHA1): e0:ab:05:94:20:72:54:93:05:60:62:02:36:70:f7:cd:2e:fc:66:66
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Thawte Premium Server CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\340\253\005\224\040\162\124\223\005\140\142\002\066\160\367\315
\056\374\146\146
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\246\153\140\220\043\233\077\055\273\230\157\326\247\031\015\106
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\316\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\022\060\020\006\003\125\004\007
\023\011\103\141\160\145\040\124\157\167\156\061\035\060\033\006
\003\125\004\012\023\024\124\150\141\167\164\145\040\103\157\156
\163\165\154\164\151\156\147\040\143\143\061\050\060\046\006\003
\125\004\013\023\037\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\123\145\162\166\151\143\145\163\040\104\151\166\151
```



```
\163\151\157\156\061\041\060\037\006\003\125\004\003\023\030\124
\150\141\167\164\145\040\120\162\145\155\151\165\155\040\123\145
\162\166\145\162\040\103\101\061\050\060\046\006\011\052\206\110
\206\367\015\001\011\001\026\031\160\162\145\155\151\165\155\055
\163\145\162\166\145\162\100\164\150\141\167\164\145\056\143\157
\155
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\066\022\042\226\305\343\070\245\040\241\322\137\114\327
\011\124
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Thawte Server CA"

Issuer: 1.2.840.113549.1.9.1=server-certs@thawte.com,CN=Thawte Server CA,OU=Certification Services
Division,O=Thawte Consulting cc,L=Cape Town,ST=Western Cape,C=ZA

Serial Number:34:a4:ff:f6:30:af:4c:a5:3c:33:17:42:a1:94:66:75

Subject: 1.2.840.113549.1.9.1=server-certs@thawte.com,CN=Thawte Server CA,OU=Certification Services
Division,O=Thawte Consulting cc,L=Cape Town,ST=Western Cape,C=ZA

Not Valid Before: Thu Aug 01 00:00:00 1996

Not Valid After: Fri Jan 01 23:59:59 2021

Fingerprint (MD5): ee:fe:61:69:65:6e:f8:9c:c6:2a:f4:d7:2b:63:ef:a2

Fingerprint (SHA1): 9f:ad:91:a6:ce:6a:c6:c5:00:47:c4:4e:c9:d4:a5:0d:92:d8:49:79

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Thawte Server CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\304\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\022\060\020\006\003\125\004\007
\023\011\103\141\160\145\040\124\157\167\156\061\035\060\033\006
\003\125\004\012\023\024\124\150\141\167\164\145\040\103\157\156
\163\165\154\164\151\156\147\040\143\143\061\050\060\046\006\003
\125\004\013\023\037\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\123\145\162\166\151\143\145\163\040\104\151\166\151
\163\151\157\156\061\031\060\027\006\003\125\004\003\023\020\124
\150\141\167\164\145\040\123\145\162\166\145\162\040\103\101\061
\046\060\044\006\011\052\206\110\206\367\015\001\011\001\026\027
\163\145\162\166\145\162\055\143\145\162\164\163\100\164\150\141
\167\164\145\056\143\157\155
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\304\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\022\060\020\006\003\125\004\007
\023\011\103\141\160\145\040\124\157\167\156\061\035\060\033\006
\003\125\004\012\023\024\124\150\141\167\164\145\040\103\157\156
\163\165\154\164\151\156\147\040\143\143\061\050\060\046\006\003
\125\004\013\023\037\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\123\145\162\166\151\143\145\163\040\104\151\166\151
\163\151\157\156\061\031\060\027\006\003\125\004\003\023\020\124
\150\141\167\164\145\040\123\145\162\166\145\162\040\103\101\061
\046\060\044\006\011\052\206\110\206\367\015\001\011\001\026\027
\163\145\162\166\145\162\055\143\145\162\164\163\100\164\150\141
\167\164\145\056\143\157\155

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\064\244\377\366\060\257\114\245\074\063\027\102\241\224
\146\165

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\042\060\202\002\213\240\003\002\001\002\002\020\064
\244\377\366\060\257\114\245\074\063\027\102\241\224\146\165\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\304\061\013\060\011\006\003\125\004\006\023\002\132\101\061\025
\060\023\006\003\125\004\010\023\014\127\145\163\164\145\162\156
\040\103\141\160\145\061\022\060\020\006\003\125\004\007\023\011
\103\141\160\145\040\124\157\167\156\061\035\060\033\006\003\125
\004\012\023\024\124\150\141\167\164\145\040\103\157\156\163\165
\154\164\151\156\147\040\143\143\061\050\060\046\006\003\125\004
\013\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151
\157\156\061\031\060\027\006\003\125\004\003\023\020\124\150\141
\167\164\145\040\123\145\162\166\145\162\040\103\101\061\046\060
\044\006\011\052\206\110\206\367\015\001\011\001\026\027\163\145
\162\166\145\162\055\143\145\162\164\163\100\164\150\141\167\164
\145\056\143\157\155\060\036\027\015\071\066\060\070\060\061\060
\060\060\060\060\060\132\027\015\062\061\060\061\060\061\062\063
\065\071\065\071\132\060\201\304\061\013\060\011\006\003\125\004
\006\023\002\132\101\061\025\060\023\006\003\125\004\010\023\014
\127\145\163\164\145\162\156\040\103\141\160\145\061\022\060\020
\006\003\125\004\007\023\011\103\141\160\145\040\124\157\167\156
\061\035\060\033\006\003\125\004\012\023\024\124\150\141\167\164
\145\040\103\157\156\163\165\154\164\151\156\147\040\143\143\061
\050\060\046\006\003\125\004\013\023\037\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163
\040\104\151\166\151\163\151\157\156\061\031\060\027\006\003\125
\004\003\023\020\124\150\141\167\164\145\040\123\145\162\166\145

\162\040\103\101\061\046\060\044\006\011\052\206\110\206\367\015
\001\011\001\026\027\163\145\162\166\145\162\055\143\145\162\164
\163\100\164\150\141\167\164\145\056\143\157\155\060\201\237\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\201
\215\000\060\201\211\002\201\201\000\323\244\120\156\310\377\126
\153\346\317\135\266\352\014\150\165\107\242\252\302\332\204\045
\374\250\364\107\121\332\205\265\040\164\224\206\036\017\165\311
\351\010\141\365\006\155\060\156\025\031\002\351\122\300\142\333
\115\231\236\342\152\014\104\070\315\376\276\343\144\011\160\305
\376\261\153\051\266\057\111\310\073\324\047\004\045\020\227\057
\347\220\155\300\050\102\231\327\114\103\336\303\365\041\155\124
\237\135\303\130\341\300\344\331\133\260\270\334\264\173\337\066
\072\302\265\146\042\022\326\207\015\002\003\001\000\001\243\023
\060\021\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\003\201\201\000\276\100\151\101\157\306\333\301\247\277
\007\300\105\344\320\265\103\036\114\225\063\065\351\136\302\076
\050\366\250\015\120\325\377\342\014\017\374\120\002\216\256\221
\271\255\064\212\215\237\047\161\252\031\314\113\350\004\312\324
\027\153\022\032\326\306\137\326\315\136\377\211\166\277\330\110
\330\131\275\010\212\211\035\127\315\105\036\122\272\022\232\204
\372\030\211\137\350\371\060\065\152\001\140\271\231\200\203\205
\012\156\332\364\311\217\136\163\055\061\112\143\240\164\362\037
\213\042\322\051\076\353

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Thawte Server CA"

Issuer: 1.2.840.113549.1.9.1=server-certs@thawte.com,CN=Thawte Server CA,OU=Certification Services
Division,O=Thawte Consulting cc,L=Cape Town,ST=Western Cape,C=ZA

Serial Number:34:a4:ff:f6:30:af:4c:a5:3c:33:17:42:a1:94:66:75

Subject: 1.2.840.113549.1.9.1=server-certs@thawte.com,CN=Thawte Server CA,OU=Certification Services
Division,O=Thawte Consulting cc,L=Cape Town,ST=Western Cape,C=ZA

Not Valid Before: Thu Aug 01 00:00:00 1996

Not Valid After: Fri Jan 01 23:59:59 2021

Fingerprint (MD5): ee:fe:61:69:65:6e:f8:9c:c6:2a:f4:d7:2b:63:ef:a2

Fingerprint (SHA1): 9f:ad:91:a6:ce:6a:c6:c5:00:47:c4:4e:c9:d4:a5:0d:92:d8:49:79

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Thawte Server CA"

CKA_CERT_SHA1_HASH MULTILINE OCTAL

\237\255\221\246\316\152\306\305\000\107\304\116\311\324\245\015
\222\330\111\171

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\356\376\141\151\145\156\370\234\306\052\364\327\053\143\357\242
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\304\061\013\060\011\006\003\125\004\006\023\002\132\101
\061\025\060\023\006\003\125\004\010\023\014\127\145\163\164\145
\162\156\040\103\141\160\145\061\022\060\020\006\003\125\004\007
\023\011\103\141\160\145\040\124\157\167\156\061\035\060\033\006
\003\125\004\012\023\024\124\150\141\167\164\145\040\103\157\156
\163\165\154\164\151\156\147\040\143\143\061\050\060\046\006\003
\125\004\013\023\037\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\123\145\162\166\151\143\145\163\040\104\151\166\151
\163\151\157\156\061\031\060\027\006\003\125\004\003\023\020\124
\150\141\167\164\145\040\123\145\162\166\145\162\040\103\101\061
\046\060\044\006\011\052\206\110\206\367\015\001\011\001\026\027
\163\145\162\166\145\162\055\143\145\162\164\163\100\164\150\141
\167\164\145\056\143\157\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\064\244\377\366\060\257\114\245\074\063\027\102\241\224
\146\165
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "TC TrustCenter Universal CA III"
# Issuer: CN=TC TrustCenter Universal CA III,OU=TC TrustCenter Universal CA,O=TC TrustCenter
GmbH,C=DE
# Serial Number:63:25:00:01:00:02:14:8d:33:15:02:e4:6c:f4
# Subject: CN=TC TrustCenter Universal CA III,OU=TC TrustCenter Universal CA,O=TC TrustCenter
GmbH,C=DE
# Not Valid Before: Wed Sep 09 08:15:27 2009
# Not Valid After: Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): 9f:dd:db:ab:ff:8e:ff:45:21:5f:f0:6c:9d:8f:fe:2b
# Fingerprint (SHA1): 96:56:cd:7b:57:96:98:95:d0:e1:41:46:68:06:fb:b8:c6:11:06:87
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TC TrustCenter Universal CA III"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165

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\163\164\103\145\156\164\145\162\040\107\155\142\110\061\044\060
\042\006\003\125\004\013\023\033\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\125\156\151\166\145\162\163\141\154
\040\103\101\061\050\060\046\006\003\125\004\003\023\037\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\125\156\151
\166\145\162\163\141\154\040\103\101\040\111\111\111

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\173\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\044\060
\042\006\003\125\004\013\023\033\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\125\156\151\166\145\162\163\141\154
\040\103\101\061\050\060\046\006\003\125\004\003\023\037\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\125\156\151
\166\145\162\163\141\154\040\103\101\040\111\111\111

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\016\143\045\000\001\000\002\024\215\063\025\002\344\154\364

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\341\060\202\002\311\240\003\002\001\002\002\016\143
\045\000\001\000\002\024\215\063\025\002\344\154\364\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\060\173\061\013
\060\011\006\003\125\004\006\023\002\104\105\061\034\060\032\006
\003\125\004\012\023\023\124\103\040\124\162\165\163\164\103\145
\156\164\145\162\040\107\155\142\110\061\044\060\042\006\003\125
\004\013\023\033\124\103\040\124\162\165\163\164\103\145\156\164
\145\162\040\125\156\151\166\145\162\163\141\154\040\103\101\061
\050\060\046\006\003\125\004\003\023\037\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\125\156\151\166\145\162\163
\141\154\040\103\101\040\111\111\111\060\036\027\015\060\071\060
\071\060\071\060\070\061\065\062\067\132\027\015\062\071\061\062
\063\061\062\063\065\071\065\071\132\060\173\061\013\060\011\006
\003\125\004\006\023\002\104\105\061\034\060\032\006\003\125\004
\012\023\023\124\103\040\124\162\165\163\164\103\145\156\164\145
\162\040\107\155\142\110\061\044\060\042\006\003\125\004\013\023
\033\124\103\040\124\162\165\163\164\103\145\156\164\145\162\040
\125\156\151\166\145\162\163\141\154\040\103\101\061\050\060\046
\006\003\125\004\003\023\037\124\103\040\124\162\165\163\164\103
\145\156\164\145\162\040\125\156\151\166\145\162\163\141\154\040
\103\101\040\111\111\111\060\202\001\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202
\001\012\002\202\001\001\000\302\332\234\142\260\271\161\022\260
\013\310\032\127\262\256\203\024\231\263\064\113\233\220\242\305
\347\347\057\002\240\115\055\244\372\205\332\233\045\205\055\100
\050\040\155\352\340\275\261\110\203\042\051\104\237\116\203\356

\065\121\023\163\164\325\274\362\060\146\224\123\300\100\066\057
\014\204\145\316\017\156\302\130\223\350\054\013\072\351\301\216
\373\362\153\312\074\342\234\116\216\344\371\175\323\047\237\033
\325\147\170\207\055\177\013\107\263\307\350\311\110\174\257\057
\314\012\331\101\357\237\376\232\341\262\256\371\123\265\345\351
\106\237\140\343\337\215\323\177\373\226\176\263\265\162\370\113
\255\010\171\315\151\211\100\047\365\052\301\255\103\354\244\123
\310\141\266\367\322\171\052\147\030\166\110\155\133\045\001\321
\046\305\267\127\151\043\025\133\141\212\255\360\033\055\331\257
\134\361\046\220\151\251\325\014\100\365\063\200\103\217\234\243
\166\052\105\264\257\277\177\076\207\077\166\305\315\052\336\040
\305\026\130\313\371\033\365\017\313\015\021\122\144\270\322\166
\142\167\203\361\130\237\377\002\003\001\000\001\243\143\060\141
\060\037\006\003\125\035\043\004\030\060\026\200\024\126\347\341
\133\045\103\200\340\366\214\341\161\274\216\345\200\057\304\110
\342\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\006\060\035\006\003\125\035\016\004\026\004\024\126\347\341
\133\045\103\200\340\366\214\341\161\274\216\345\200\057\304\110
\342\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\203\307\257\352\177\115\012\074\071\261\150
\276\173\155\211\056\351\263\011\347\030\127\215\205\232\027\363
\166\102\120\023\017\307\220\157\063\255\305\111\140\053\154\111
\130\031\324\342\276\267\277\253\111\274\224\310\253\276\050\154
\026\150\340\310\227\106\040\240\150\147\140\210\071\040\121\330
\150\001\021\316\247\366\021\007\366\354\354\254\032\037\262\146
\156\126\147\140\172\164\136\300\155\227\066\256\265\015\135\146
\163\300\045\062\105\330\112\006\007\217\304\267\007\261\115\006
\015\341\245\353\364\165\312\272\234\320\275\263\323\062\044\114
\356\176\342\166\004\113\111\123\330\362\351\124\063\374\345\161
\037\075\024\134\226\113\361\072\362\000\273\154\264\372\226\125
\010\210\011\301\314\221\031\051\260\040\055\377\313\070\244\100
\341\027\276\171\141\200\377\007\003\206\114\116\173\006\237\021
\206\215\211\356\047\304\333\342\274\031\216\013\303\303\023\307
\055\003\143\073\323\350\344\242\052\302\202\010\224\026\124\360
\357\037\047\220\045\270\015\016\050\033\107\167\107\275\034\250
\045\361\224\264\146

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "TC TrustCenter Universal CA III"
Issuer: CN=TC TrustCenter Universal CA III,OU=TC TrustCenter Universal CA,O=TC TrustCenter
GmbH,C=DE
Serial Number:63:25:00:01:00:02:14:8d:33:15:02:e4:6c:f4
Subject: CN=TC TrustCenter Universal CA III,OU=TC TrustCenter Universal CA,O=TC TrustCenter

```

GmbH,C=DE
# Not Valid Before: Wed Sep 09 08:15:27 2009
# Not Valid After: Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): 9f:dd:db:ab:ff:8e:ff:45:21:5f:f0:6c:9d:8f:fe:2b
# Fingerprint (SHA1): 96:56:cd:7b:57:96:98:95:d0:e1:41:46:68:06:fb:b8:c6:11:06:87
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TC TrustCenter Universal CA III"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\226\126\315\173\127\226\230\225\320\341\101\106\150\006\373\270
\306\021\006\207
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\237\335\333\253\377\216\377\105\041\137\360\154\235\217\376\053
END
CKA_ISSUER MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\044\060
\042\006\003\125\004\013\023\033\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\125\156\151\166\145\162\163\141\154
\040\103\101\061\050\060\046\006\003\125\004\003\023\037\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\125\156\151
\166\145\162\163\141\154\040\103\101\040\111\111\111
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\016\143\045\000\001\000\002\024\215\063\025\002\344\154\364
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "KEYNECTIS ROOT CA"
# Issuer: CN=KEYNECTIS ROOT CA,OU=ROOT,O=KEYNECTIS,C=FR
# Serial Number:11:21:bc:27:6c:55:47:af:58:4e:ef:d4:ce:d6:29:b2:a2:85
# Subject: CN=KEYNECTIS ROOT CA,OU=ROOT,O=KEYNECTIS,C=FR
# Not Valid Before: Tue May 26 00:00:00 2009
# Not Valid After: Tue May 26 00:00:00 2020
# Fingerprint (MD5): cc:4d:ae:fb:30:6b:d8:38:fe:50:eb:86:61:4b:d2:26
# Fingerprint (SHA1): 9c:61:5c:4d:4d:85:10:3a:53:26:c2:4d:ba:ea:e4:a2:d2:d5:cc:97
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

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```
CKA_LABEL UTF8 "KEYNECTIS ROOT CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\114\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\023\011\113\105\131\116\105\103
\124\111\123\061\015\060\013\006\003\125\004\013\023\004\122\117
\117\124\061\032\060\030\006\003\125\004\003\023\021\113\105\131
\116\105\103\124\111\123\040\122\117\117\124\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\023\011\113\105\131\116\105\103
\124\111\123\061\015\060\013\006\003\125\004\013\023\004\122\117
\117\124\061\032\060\030\006\003\125\004\003\023\021\113\105\131
\116\105\103\124\111\123\040\122\117\117\124\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\041\274\047\154\125\107\257\130\116\357\324\316\326
\051\262\242\205
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\345\060\202\002\315\240\003\002\001\002\002\022\021
\041\274\047\154\125\107\257\130\116\357\324\316\326\051\262\242
\205\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
\060\114\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\023\011\113\105\131\116\105\103
\124\111\123\061\015\060\013\006\003\125\004\013\023\004\122\117
\117\124\061\032\060\030\006\003\125\004\003\023\021\113\105\131
\116\105\103\124\111\123\040\122\117\117\124\040\103\101\060\036
\027\015\060\071\060\065\062\066\060\060\060\060\060\132\027
\015\062\060\060\065\062\066\060\060\060\060\060\132\060\114
\061\013\060\011\006\003\125\004\006\023\002\106\122\061\022\060
\020\006\003\125\004\012\023\011\113\105\131\116\105\103\124\111
\123\061\015\060\013\006\003\125\004\013\023\004\122\117\117\124
\061\032\060\030\006\003\125\004\003\023\021\113\105\131\116\105
\103\124\111\123\040\122\117\117\124\040\103\101\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\306\375\263
\027\205\241\255\046\033\225\151\065\041\075\244\210\372\336\333
\140\066\100\027\151\302\024\143\373\270\331\302\164\025\067\056
\234\320\040\315\151\215\204\062\242\205\114\024\264\233\362\045
\263\124\052\203\077\055\276\017\363\073\144\321\377\240\120\357
\167\117\073\116\341\077\013\144\205\232\272\130\176\322\303\142
\323\144\045\242\324\262\227\074\167\135\143\052\063\222\374\315
\202\015\233\124\225\207\365\265\353\214\315\133\321\312\060\057
\311\210\106\265\315\015\021\264\030\217\356\321\241\076\135\025
\350\050\317\337\303\220\233\154\314\321\014\105\167\263\072\353
```


\212\220\035\351\257\144\152\211\173\251\075\103\164\372\344\147
\042\241\373\334\115\304\365\142\311\312\045\264\311\200\140\063
\251\335\173\240\002\277\226\045\012\136\311\137\051\173\264\027
\201\213\155\201\031\320\331\203\134\005\217\101\151\032\151\103
\200\237\250\257\340\351\214\221\213\047\053\242\046\140\315\017
\362\244\243\002\203\216\030\201\302\027\212\103\025\371\155\363
\035\020\244\132\234\104\141\043\041\172\330\373\321\002\003\001
\000\001\243\201\300\060\201\275\060\022\006\003\125\035\023\001
\001\377\004\010\060\006\001\001\377\002\001\004\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\127\006\003
\125\035\037\004\120\060\116\060\114\240\112\240\110\206\106\150
\164\164\160\072\057\057\164\162\165\163\164\143\145\156\164\145
\162\055\143\162\154\056\143\145\162\164\151\146\151\143\141\164
\062\056\143\157\155\057\113\145\171\156\145\143\164\151\163\057
\113\105\131\116\105\103\124\111\123\137\122\117\117\124\137\103
\101\056\143\162\154\060\035\006\003\125\035\016\004\026\004\024
\357\267\043\227\320\250\221\177\246\317\246\041\300\064\237\314
\167\101\341\320\060\037\006\003\125\035\043\004\030\060\026\200
\024\357\267\043\227\320\250\221\177\246\317\246\041\300\064\237
\314\167\101\341\320\060\015\006\011\052\206\110\206\367\015\001
\001\013\005\000\003\202\001\001\000\032\061\151\231\102\302\345
\100\205\242\237\222\303\143\324\217\041\071\250\031\041\376\172
\374\303\115\100\363\053\350\113\254\133\114\131\223\306\334\176
\013\257\174\137\225\205\153\275\307\157\272\301\276\370\306\072
\147\113\223\306\005\151\076\044\055\360\033\221\306\076\077\354
\102\030\223\154\003\044\212\156\371\040\147\053\174\155\253\064
\311\052\042\063\015\327\175\217\356\322\066\144\102\310\065\232
\156\031\141\313\215\147\360\150\247\320\044\005\346\303\027\272
\105\256\174\103\265\200\170\003\115\040\163\005\374\103\020\235
\065\151\102\165\224\045\202\053\246\073\220\030\336\301\251\257
\363\055\225\277\225\247\317\030\227\341\131\342\242\257\032\026
\141\015\367\023\161\123\223\067\375\074\257\000\035\154\213\024
\257\106\226\214\266\122\174\314\055\116\315\341\351\113\012\356
\232\376\172\230\347\051\272\033\332\034\272\334\153\315\004\016
\046\100\251\353\163\074\376\120\250\021\047\125\275\333\216\113
\357\117\030\355\025\377\275\206\230\146\356\232\045\161\064\154
\120\361\262\121\313\146\235\115\051

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "KEYNECTIS ROOT CA"
Issuer: CN=KEYNECTIS ROOT CA,OU=ROOT,O=KEYNECTIS,C=FR
Serial Number: 11:21:bc:27:6c:55:47:af:58:4e:ef:d4:ce:d6:29:b2:a2:85
Subject: CN=KEYNECTIS ROOT CA,OU=ROOT,O=KEYNECTIS,C=FR
Not Valid Before: Tue May 26 00:00:00 2009

```
# Not Valid After: Tue May 26 00:00:00 2020
# Fingerprint (MD5): cc:4d:ae:fb:30:6b:d8:38:fe:50:eb:86:61:4b:d2:26
# Fingerprint (SHA1): 9c:61:5c:4d:4d:85:10:3a:53:26:c2:4d:ba:ea:e4:a2:d2:d5:cc:97
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "KEYNECTIS ROOT CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\234\141\134\115\115\205\020\072\123\046\302\115\272\352\344\242
\322\325\314\227
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\314\115\256\373\060\153\330\070\376\120\353\206\141\113\322\046
END
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\023\011\113\105\131\116\105\103
\124\111\123\061\015\060\013\006\003\125\004\013\023\004\122\117
\117\124\061\032\060\030\006\003\125\004\003\023\021\113\105\131
\116\105\103\124\111\123\040\122\117\117\124\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\041\274\047\154\125\107\257\130\116\357\324\316\326
\051\262\242\205
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "I.CA - Standard Certification Authority, 09/2009"
# Issuer: OU=I.CA - Provider of Certification Services,O=První certifikační autorita\, a.s.,CN=I.CA - Standard
Certification Authority\, 09/2009,C=CZ
# Serial Number: 16:e3:60
# Subject: OU=I.CA - Provider of Certification Services,O=První certifikační autorita\, a.s.,CN=I.CA - Standard
Certification Authority\, 09/2009,C=CZ
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After: Sun Sep 01 00:00:00 2019
# Fingerprint (MD5): 86:ef:8e:31:9d:9f:85:69:a2:a4:1a:12:71:68:ba:1b
# Fingerprint (SHA1): 90:de:ce:77:f8:c8:25:34:0e:62:eb:d6:35:e1:be:20:cf:73:27:dd
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "I.CA - Standard Certification Authority, 09/2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

CKA_SUBJECT MULTILINE_OCTAL

\060\201\253\061\013\060\011\006\003\125\004\006\023\002\103\132
\061\071\060\067\006\003\125\004\003\014\060\111\056\103\101\040
\055\040\123\164\141\156\144\141\162\144\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\054\040\060\071\057\062\060\060\071\061\055\060\053\006
\003\125\004\012\014\044\120\162\166\156\303\255\040\143\145\162
\164\151\146\151\153\141\304\215\156\303\255\040\141\165\164\157
\162\151\164\141\054\040\141\056\163\056\061\062\060\060\006\003
\125\004\013\014\051\111\056\103\101\040\055\040\120\162\157\166
\151\144\145\162\040\157\146\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\123\145\162\166\151\143\145\163

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\253\061\013\060\011\006\003\125\004\006\023\002\103\132
\061\071\060\067\006\003\125\004\003\014\060\111\056\103\101\040
\055\040\123\164\141\156\144\141\162\144\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\054\040\060\071\057\062\060\060\071\061\055\060\053\006
\003\125\004\012\014\044\120\162\166\156\303\255\040\143\145\162
\164\151\146\151\153\141\304\215\156\303\255\040\141\165\164\157
\162\151\164\141\054\040\141\056\163\056\061\062\060\060\006\003
\125\004\013\014\051\111\056\103\101\040\055\040\120\162\157\166
\151\144\145\162\040\157\146\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\123\145\162\166\151\143\145\163

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\003\026\343\140

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\052\060\202\003\022\240\003\002\001\002\002\003\026
\343\140\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\201\253\061\013\060\011\006\003\125\004\006\023\002\103
\132\061\071\060\067\006\003\125\004\003\014\060\111\056\103\101
\040\055\040\123\164\141\156\144\141\162\144\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\054\040\060\071\057\062\060\060\071\061\055\060\053
\006\003\125\004\012\014\044\120\162\166\156\303\255\040\143\145
\162\164\151\146\151\153\141\304\215\156\303\255\040\141\165\164
\157\162\151\164\141\054\040\141\056\163\056\061\062\060\060\006
\003\125\004\013\014\051\111\056\103\101\040\055\040\120\162\157
\166\151\144\145\162\040\157\146\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163\060
\036\027\015\060\071\060\071\060\061\060\060\060\060\060\060\132
\027\015\061\071\060\071\060\061\060\060\060\060\060\060\132\060
\201\253\061\013\060\011\006\003\125\004\006\023\002\103\132\061
\071\060\067\006\003\125\004\003\014\060\111\056\103\101\040\055

\040\123\164\141\156\144\141\162\144\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\054\040\060\071\057\062\060\060\071\061\055\060\053\006\003
\125\004\012\014\044\120\162\166\156\303\255\040\143\145\162\164
\151\146\151\153\141\304\215\156\303\255\040\141\165\164\157\162
\151\164\141\054\040\141\056\163\056\061\062\060\060\006\003\125
\004\013\014\051\111\056\103\101\040\055\040\120\162\157\166\151
\144\145\162\040\157\146\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\123\145\162\166\151\143\145\163\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\250\010
\126\022\077\373\224\203\251\140\166\275\105\203\176\226\064\074
\317\111\116\326\317\374\040\341\341\261\002\024\155\255\312\176
\120\162\051\251\375\234\167\046\070\144\367\103\101\077\024\202
\004\242\101\220\002\347\231\367\203\142\170\104\205\350\235\005
\160\324\376\170\241\164\064\307\254\073\205\002\335\356\121\133
\106\073\123\063\326\147\354\354\024\056\343\304\345\263\164\203
\000\314\306\226\346\034\203\332\334\030\120\151\372\335\103\321
\216\100\375\026\244\267\214\145\207\340\276\254\227\037\260\161
\353\000\145\127\026\316\154\207\257\227\210\360\135\367\207\115
\072\021\012\242\302\104\024\300\026\362\117\365\333\225\102\257
\051\263\051\240\203\121\156\376\074\121\127\223\060\045\046\272
\073\152\206\310\366\013\321\161\077\234\267\072\310\316\147\011
\214\372\100\033\172\154\336\310\034\240\306\134\273\141\030\210
\077\056\131\035\126\374\172\105\234\246\331\070\331\305\140\314
\271\101\125\267\312\274\115\356\264\247\304\366\240\016\274\211
\305\001\225\261\134\337\117\360\314\302\315\102\273\137\002\003
\001\000\001\243\125\060\123\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\021\006\003\125\035\040\004
\012\060\010\060\006\006\004\125\035\040\000\060\035\006\003\125
\035\016\004\026\004\024\301\114\070\224\325\200\206\110\331\042
\220\054\323\356\031\020\333\147\107\207\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\001\001\000\243\313
\321\175\164\373\065\170\007\222\350\356\150\351\344\122\136\360
\330\143\221\224\237\150\373\276\133\272\251\341\143\167\253\120
\166\306\351\126\107\124\120\231\264\045\213\350\301\031\162\066
\132\011\276\347\326\372\302\266\062\075\107\303\120\116\231\156
\223\066\305\212\121\167\143\340\111\063\253\074\037\212\351\073
\331\206\265\050\307\302\165\161\133\146\152\215\130\016\363\165
\220\265\255\054\201\030\315\234\330\303\315\117\361\373\151\040
\227\300\110\317\023\105\022\265\034\366\076\203\342\116\136\335
\131\306\153\112\340\110\316\331\052\235\145\072\275\057\360\360
\114\274\011\172\313\067\000\244\077\073\014\043\335\343\373\306
\102\242\264\266\346\322\162\205\114\337\263\336\026\247\176\035
\347\324\317\255\253\263\120\344\160\214\337\260\160\220\311\206
\236\356\174\204\213\144\034\153\341\150\025\176\311\245\164\340
\116\367\132\352\335\022\061\253\221\100\205\161\013\316\051\050

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\371\156\070\024\134\035\376\354\021\277\115\103\176\236\137\070
\277\327\352\236\223\057\320\035\164\265\005\011\323\042
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Trust for "I.CA - Standard Certification Authority, 09/2009"
# Issuer: OU=I.CA - Provider of Certification Services,O=První certifikační autorita, a.s.,CN=I.CA - Standard
Certification Authority, 09/2009,C=CZ
# Serial Number:16:e3:60
# Subject: OU=I.CA - Provider of Certification Services,O=První certifikační autorita, a.s.,CN=I.CA - Standard
Certification Authority, 09/2009,C=CZ
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After: Sun Sep 01 00:00:00 2019
# Fingerprint (MD5): 86:ef:8e:31:9d:9f:85:69:a2:a4:1a:12:71:68:ba:1b
# Fingerprint (SHA1): 90:de:ce:77:f8:c8:25:34:0e:62:eb:d6:35:e1:be:20:cf:73:27:dd
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "I.CA - Standard Certification Authority, 09/2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\220\336\316\167\370\310\045\064\016\142\353\326\065\341\276\040
\317\163\047\335
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\206\357\216\061\235\237\205\151\242\244\032\022\161\150\272\033
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\253\061\013\060\011\006\003\125\004\006\023\002\103\132
\061\071\060\067\006\003\125\004\003\014\060\111\056\103\101\040
\055\040\123\164\141\156\144\141\162\144\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\054\040\060\071\057\062\060\060\071\061\055\060\053\006
\003\125\004\012\014\044\120\162\166\156\303\255\040\143\145\162
\164\151\146\151\153\141\304\215\156\303\255\040\141\165\164\157
\162\151\164\141\054\040\141\056\163\056\061\062\060\060\006\003
\125\004\013\014\051\111\056\103\101\040\055\040\120\162\157\166
\151\144\145\162\040\157\146\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\123\145\162\166\151\143\145\163
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\026\343\140
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "I.CA - Qualified Certification Authority, 09/2009"
Issuer: OU=I.CA - Accredited Provider of Certification Services,O=První certifikační autorita, a.s.,CN=I.CA -
Qualified Certification Authority, 09/2009,C=CZ
Serial Number:a0:37:a0
Subject: OU=I.CA - Accredited Provider of Certification Services,O=První certifikační autorita, a.s.,CN=I.CA -
Qualified Certification Authority, 09/2009,C=CZ
Not Valid Before: Tue Sep 01 00:00:00 2009
Not Valid After: Sun Sep 01 00:00:00 2019
Fingerprint (MD5): 8d:63:9b:56:c1:14:e4:ee:9a:12:85:86:11:90:82:a3
Fingerprint (SHA1): d2:44:1a:a8:c2:03:ae:ca:a9:6e:50:1f:12:4d:52:b6:8f:e4:c3:75

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "I.CA - Qualified Certification Authority, 09/2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

\060\201\267\061\013\060\011\006\003\125\004\006\023\002\103\132
\061\072\060\070\006\003\125\004\003\014\061\111\056\103\101\040
\055\040\121\165\141\154\151\146\151\145\144\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\054\040\060\071\057\062\060\060\071\061\055\060\053
\006\003\125\004\012\014\044\120\162\166\156\303\255\040\143\145
\162\164\151\146\151\153\141\304\215\156\303\255\040\141\165\164
\157\162\151\164\141\054\040\141\056\163\056\061\075\060\073\006
\003\125\004\013\014\064\111\056\103\101\040\055\040\101\143\143
\162\145\144\151\164\145\144\040\120\162\157\166\151\144\145\162
\040\157\146\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\123\145\162\166\151\143\145\163

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\267\061\013\060\011\006\003\125\004\006\023\002\103\132
\061\072\060\070\006\003\125\004\003\014\061\111\056\103\101\040
\055\040\121\165\141\154\151\146\151\145\144\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\054\040\060\071\057\062\060\060\071\061\055\060\053
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CKA_SERIAL_NUMBER MULTILINE_OCTAL

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CKA_VALUE MULTILINE_OCTAL

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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "I.CA - Qualified Certification Authority, 09/2009"

Issuer: OU=I.CA - Accredited Provider of Certification Services,O=První certifikační autorita, a.s.,CN=I.CA -


```

Qualified Certification Authority\, 09/2009,C=CZ
# Serial Number:a0:37:a0
# Subject: OU=I.CA - Accredited Provider of Certification Services,O=První certifikací autorita\, a.s.,CN=I.CA -
Qualified Certification Authority\, 09/2009,C=CZ
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After: Sun Sep 01 00:00:00 2019
# Fingerprint (MD5): 8d:63:9b:56:c1:14:e4:ee:9a:12:85:86:11:90:82:a3
# Fingerprint (SHA1): d2:44:1a:a8:c2:03:ae:ca:a9:6e:50:1f:12:4d:52:b6:8f:e4:c3:75
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "I.CA - Qualified Certification Authority, 09/2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\322\104\032\250\302\003\256\312\251\156\120\037\022\115\122\266
\217\344\303\165
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
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END
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CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "VI Registru Centras RCSC (RootCA)"
# Issuer: CN=VI Registru Centras RCSC (RootCA),OU=Registru Centro Sertifikavimo Centras,O=VI Registru
Centras - I.k. 124110246,C=LT
# Serial Number:03:a3:a4:57:b5:f0:f3:86:4a:11:63:e8:98:ff:16:9c
# Subject: CN=VI Registru Centras RCSC (RootCA),OU=Registru Centro Sertifikavimo Centras,O=VI Registru

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Centras - I.k. 124110246,C=LT
# Not Valid Before: Mon Jul 21 11:47:46 2008
# Not Valid After: Sun Jul 21 11:47:46 2024
# Fingerprint (MD5): 41:5b:95:78:0d:d1:c3:a7:dc:d9:ba:fe:e7:27:b6:14
# Fingerprint (SHA1): 97:1d:34:86:fc:1e:8e:63:15:f7:c6:f2:e1:29:67:c7:24:34:22:14
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VI Registru Centras RCSC (RootCA)"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
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\147\151\163\164\162\165\040\103\145\156\164\162\141\163\040\055
\040\111\056\153\056\040\061\062\064\061\061\060\062\064\066\061
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\164\372\107\065\207\334\020\000\066\101\075\355\252\176\262\314
\304\032\351\061\264\365\221\321\204\112\347\365\334\317\106\147
\002\231\257\270\167\372\176\355\041\157\226\043\024\161\077\320
\130\276\252\333\103\054\067\240\035\006\151\064\360\117\217\165
\356\263\322\001\273\354\034\351\217\251\211\357\370\324\033\101
\002\231\276\360\137\272\216\054\302\041\160\336\121\201\330\367
\274\270\303\063\203\303\227\312\011\163\304\351\167\310\162\364
\134\255\017\015\212\352\355\322\012\001\316\353\127\235\025\360
\051\025\357\131\234\257\254\222\202\160\014\230\330\042\235\057
\230\065\251\321\212\211\274\325\235\125\302\056\236\007\045\106
\366\222\115\120\372\075\211\362\337\223\277\223\224\320\331\257
\127\243\363\146\346\216\361\350\240\033\030\006\223\132\054\211
\015\066\304\372\040\263\334\050\365\152\356\217\061\233\131\070
\330\116\152\240\043\041\344\206\253\345\373\140\243\321\315\132
\054\102\111\246\016\125\044\045\065\375\322\072\257\153\130\246
\221\106\137\151\313\275\176\046\233\336\010\275\036\354\236\246
\370\234\165\244\100\066\225\113\042\117\306\266\175\162\121\274
\343\302\150\315\315\345\213\276\300\302\117\233\156\145\316\026
\267\010\210\307\207\336\377\062\214\313\353\102\101\254\373\327
\317\001\103\370\157\300\326\013\360\367\222\351\313\105\135\144
\261\367\312\074\273\211\010\226\311\332\016\341\161\052\017\354
\244\102\055\343\152\017\107\107\260\123\246\326\205\120\227\060
\327\214\056\137\106\042\320\254\316\074\136\234\036\162\203\375
\014\247\370\027\062\273\141\336\343\117\057\030\216\202\265\207
\033\164\005\060\112\277\152\036\110\074\124\050\261\135\235\222
\137\233\020\343\056\042\212\257\335\066\144\177\023\166\107\203
\065\225\032\224\217\365\304\123\155\071\275\325\213\365\312\317

```
\030\103\005\001\223\244\066\336\060\322\024\363\260\144\265\312
\316\225\367\272\164\354\212\163\076\122\323\136\123\000
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Trust for "VI Registru Centras RCSC (RootCA)"
# Issuer: CN=VI Registru Centras RCSC (RootCA),OU=Registru Centro Sertifikavimo Centras,O=VI Registru
Centras - I.k. 124110246,C=LT
# Serial Number:03:a3:a4:57:b5:f0:f3:86:4a:11:63:e8:98:ff:16:9c
# Subject: CN=VI Registru Centras RCSC (RootCA),OU=Registru Centro Sertifikavimo Centras,O=VI Registru
Centras - I.k. 124110246,C=LT
# Not Valid Before: Mon Jul 21 11:47:46 2008
# Not Valid After: Sun Jul 21 11:47:46 2024
# Fingerprint (MD5): 41:5b:95:78:0d:d1:c3:a7:dc:d9:ba:fe:e7:27:b6:14
# Fingerprint (SHA1): 97:1d:34:86:fc:1e:8e:63:15:f7:c6:f2:e1:29:67:c7:24:34:22:14
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VI Registru Centras RCSC (RootCA)"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\227\035\064\206\374\036\216\143\025\367\306\362\341\051\147\307
\044\064\042\024
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\101\133\225\170\015\321\303\247\334\331\272\376\347\047\266\024
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\114\124
\061\055\060\053\006\003\125\004\012\023\044\126\111\040\122\145
\147\151\163\164\162\165\040\103\145\156\164\162\141\163\040\055
\040\111\056\153\056\040\061\062\064\061\061\060\062\064\066\061
\056\060\054\006\003\125\004\013\023\045\122\145\147\151\163\164
\162\165\040\103\145\156\164\162\157\040\123\145\162\164\151\146
\151\153\141\166\151\155\157\040\103\145\156\164\162\141\163\061
\052\060\050\006\003\125\004\003\023\041\126\111\040\122\145\147
\151\163\164\162\165\040\103\145\156\164\162\141\163\040\122\103
\123\103\040\050\122\157\157\164\103\101\051
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\003\243\244\127\265\360\363\206\112\021\143\350\230\377
\026\234
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "CCA India 2007"
Issuer: CN=CCA India 2007,O=India PKI,C=IN
Serial Number: 10112 (0x2780)
Subject: CN=CCA India 2007,O=India PKI,C=IN
Not Valid Before: Wed Jun 13 07:02:48 2007
Not Valid After: Sat Jul 04 07:02:48 2015
Fingerprint (MD5): 69:60:ec:be:8c:94:d7:6e:6f:2e:c4:78:2f:55:f0:83
Fingerprint (SHA1): 97:22:6a:ae:4a:7a:64:a5:9b:d1:67:87:f2:7f:84:1c:0a:00:1f:d0

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CCA India 2007"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\072\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040
\120\113\111\061\027\060\025\006\003\125\004\003\023\016\103\103
\101\040\111\156\144\151\141\040\062\060\060\067
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\072\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040
\120\113\111\061\027\060\025\006\003\125\004\003\023\016\103\103
\101\040\111\156\144\151\141\040\062\060\060\067
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\047\200
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\043\060\202\002\013\240\003\002\001\002\002\002\047
\200\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\060\072\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040
\120\113\111\061\027\060\025\006\003\125\004\003\023\016\103\103
\101\040\111\156\144\151\141\040\062\060\060\067\060\036\027\015
\060\067\060\066\061\063\060\067\060\062\064\070\132\027\015\061
\065\060\067\060\064\060\067\060\062\064\070\132\060\072\061\013
\060\011\006\003\125\004\006\023\002\111\116\061\022\060\020\006
\003\125\004\012\023\011\111\156\144\151\141\040\120\113\111\061
\027\060\025\006\003\125\004\003\023\016\103\103\101\040\111\156
\144\151\141\040\062\060\060\067\060\202\001\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000

\060\202\001\012\002\202\001\001\000\337\217\307\312\112\234\322
\107\342\216\062\202\236\121\351\010\011\167\374\267\176\047\173
\116\135\153\370\210\157\350\013\343\300\066\233\200\351\345\060
\260\124\367\246\060\376\067\152\130\113\324\170\137\124\236\261
\076\171\075\017\023\127\342\106\225\072\035\134\141\065\202\355
\365\303\264\260\122\150\250\370\006\053\236\121\113\302\130\005
\364\313\231\147\254\232\041\055\071\320\370\317\230\210\233\037
\175\365\261\266\300\103\120\203\203\255\253\375\326\326\372\374
\365\017\306\115\247\112\005\225\236\270\132\131\061\124\015\270
\311\274\067\102\222\073\003\323\364\072\334\057\115\370\056\106
\031\255\007\032\045\153\143\125\346\366\135\315\106\333\225\111
\225\271\147\215\104\356\311\370\155\312\214\311\015\232\366\056
\147\337\171\223\307\102\070\144\052\307\121\071\244\005\226\333
\276\245\010\017\324\020\265\357\301\307\212\014\322\322\234\377
\311\061\345\121\131\015\053\100\342\211\047\366\225\333\261\344
\241\053\320\265\103\104\330\336\237\226\332\231\255\232\330\174
\334\043\220\264\005\046\322\214\355\002\003\001\000\001\243\063
\060\061\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\021\006\003\125\035\016\004\012\004\010\117\036
\300\130\047\330\270\344\060\013\006\003\125\035\017\004\004\003
\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\003\202\001\001\000\162\206\117\110\202\350\305\360\331
\270\260\107\063\031\357\313\006\201\250\266\254\207\303\271\111
\225\222\052\201\130\327\053\216\242\270\047\240\114\023\120\235
\034\265\161\114\142\121\210\226\014\162\377\013\140\304\065\341
\370\045\156\271\301\341\247\126\072\376\206\343\115\300\253\332
\324\052\160\233\255\132\235\330\045\321\272\205\337\302\033\353
\064\326\010\167\003\060\144\177\326\366\021\011\215\255\176\236
\171\177\233\233\243\224\104\340\164\267\267\211\312\354\004\137
\213\317\342\353\343\106\333\066\367\235\061\256\206\164\251\235
\355\334\160\117\323\063\134\060\206\040\256\062\301\054\217\047
\064\266\167\136\000\032\222\212\276\210\331\070\133\324\303\132
\270\017\223\044\326\052\256\060\110\101\366\143\045\317\115\207
\051\236\263\253\364\364\254\107\204\131\052\317\375\355\257\224
\015\120\000\047\063\163\356\167\346\343\111\270\247\114\046\301
\316\221\152\027\262\322\101\265\251\232\335\330\115\325\343\020
\265\322\075\305\364\321\014\335\274\254\227\322\227\130\350\130
\026\005\232\306\255\275\152

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "CCA India 2007"
Issuer: CN=CCA India 2007,O=India PKI,C=IN
Serial Number: 10112 (0x2780)
Subject: CN=CCA India 2007,O=India PKI,C=IN

```
# Not Valid Before: Wed Jun 13 07:02:48 2007
# Not Valid After: Sat Jul 04 07:02:48 2015
# Fingerprint (MD5): 69:60:ec:be:8c:94:d7:6e:6f:2e:c4:78:2f:55:f0:83
# Fingerprint (SHA1): 97:22:6a:ae:4a:7a:64:a5:9b:d1:67:87:f2:7f:84:1c:0a:00:1f:d0
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CCA India 2007"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\227\042\152\256\112\172\144\245\233\321\147\207\362\177\204\034
\012\000\037\320
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\151\140\354\276\214\224\327\156\157\056\304\170\057\125\360\203
END
CKA_ISSUER MULTILINE_OCTAL
\060\072\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\022\060\020\006\003\125\004\012\023\011\111\156\144\151\141\040
\120\113\111\061\027\060\025\006\003\125\004\003\023\016\103\103
\101\040\111\156\144\151\141\040\062\060\060\067
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\047\200
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Autoridade Certificadora Raiz Brasileira v1"
# Issuer: CN=Autoridade Certificadora Raiz Brasileira v1,OU=Instituto Nacional de Tecnologia da Informacao -
ITI,O=ICP-Brasil,C=BR
# Serial Number: 1 (0x1)
# Subject: CN=Autoridade Certificadora Raiz Brasileira v1,OU=Instituto Nacional de Tecnologia da Informacao -
ITI,O=ICP-Brasil,C=BR
# Not Valid Before: Tue Jul 29 19:17:10 2008
# Not Valid After: Thu Jul 29 19:17:10 2021
# Fingerprint (MD5): 93:f1:ad:34:0b:2b:e7:a8:54:60:e2:73:8c:a4:94:31
# Fingerprint (SHA1): 70:5d:2b:45:65:c7:04:7a:54:06:94:a7:9a:f7:ab:b8:42:bd:c1:61
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridade Certificadora Raiz Brasileira v1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
```


\060\201\227\061\013\060\011\006\003\125\004\006\023\002\102\122
\061\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102
\162\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064
\111\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156
\141\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141
\040\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055
\040\111\124\111\061\064\060\062\006\003\125\004\003\023\053\101
\165\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146
\151\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141
\163\151\154\145\151\162\141\040\166\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\227\061\013\060\011\006\003\125\004\006\023\002\102\122
\061\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102
\162\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064
\111\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156
\141\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141
\040\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055
\040\111\124\111\061\064\060\062\006\003\125\004\003\023\053\101
\165\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146
\151\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141
\163\151\154\145\151\162\141\040\166\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\200\060\202\003\150\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\227\061\013\060\011\006\003\125\004\006\023\002\102\122\061
\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102\162
\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064\111
\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156\141
\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141\040
\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055\040
\111\124\111\061\064\060\062\006\003\125\004\003\023\053\101\165
\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146\151
\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141\163
\151\154\145\151\162\141\040\166\061\060\036\027\015\060\070\060
\067\062\071\061\071\061\067\061\060\132\027\015\062\061\060\067
\062\071\061\071\061\067\061\060\132\060\201\227\061\013\060\011
\006\003\125\004\006\023\002\102\122\061\023\060\021\006\003\125
\004\012\023\012\111\103\120\055\102\162\141\163\151\154\061\075
\060\073\006\003\125\004\013\023\064\111\156\163\164\151\164\165
\164\157\040\116\141\143\151\157\156\141\154\040\144\145\040\124
\145\143\156\157\154\157\147\151\141\040\144\141\040\111\156\146
\157\162\155\141\143\141\157\040\055\040\111\124\111\061\064\060

\062\006\003\125\004\003\023\053\101\165\164\157\162\151\144\141
\144\145\040\103\145\162\164\151\146\151\143\141\144\157\162\141
\040\122\141\151\172\040\102\162\141\163\151\154\145\151\162\141
\040\166\061\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\316\034\350\276\223\064\316\311\261\344\124\356
\011\366\354\244\010\205\240\077\306\212\306\160\060\247\200\214
\355\076\001\124\007\214\031\043\073\237\273\307\264\213\040\261
\342\367\101\026\055\136\207\146\272\260\007\335\157\321\077\074
\332\310\131\063\235\025\260\237\222\310\126\124\130\212\072\047
\242\064\036\233\170\265\267\315\345\233\351\300\056\022\236\160
\170\007\372\216\362\114\300\370\345\162\174\036\251\251\140\003
\127\046\107\333\203\166\303\316\310\022\273\321\377\357\256\263
\142\175\232\240\344\274\156\175\001\056\064\140\334\207\340\137
\177\005\160\134\060\025\054\302\165\243\077\120\003\146\043\146
\054\347\164\167\170\333\146\027\337\371\037\015\202\150\217\165
\207\367\351\061\172\123\117\317\130\142\273\100\242\064\317\300
\160\204\120\227\025\332\040\113\351\373\114\102\255\053\150\216
\243\331\255\005\142\376\010\164\304\350\301\314\205\023\316\255
\050\060\120\335\336\300\201\301\111\260\136\056\046\070\351\143
\004\063\167\265\200\166\315\052\177\362\074\254\135\223\102\071
\364\242\163\105\002\003\001\000\001\243\201\324\060\201\321\060
\116\006\003\125\035\040\004\107\060\105\060\103\006\005\140\114
\001\001\000\060\072\060\070\006\010\053\006\001\005\005\007\002
\001\026\054\150\164\164\160\072\057\057\141\143\162\141\151\172
\056\151\143\160\142\162\141\163\151\154\056\147\157\166\056\142
\162\057\104\120\103\141\143\162\141\151\172\056\160\144\146\060
\077\006\003\125\035\037\004\070\060\066\060\064\240\062\240\060
\206\056\150\164\164\160\072\057\057\141\143\162\141\151\172\056
\151\143\160\142\162\141\163\151\154\056\147\157\166\056\142\162
\057\114\103\122\141\143\162\141\151\172\166\061\056\143\162\154
\060\035\006\003\125\035\016\004\026\004\024\102\262\054\134\164
\001\007\276\233\377\125\063\073\356\051\273\135\221\277\006\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\001\001\000\131\154\212\166\351\031\161\127\203\376\247\364
\172\017\236\201\320\317\007\034\014\043\351\044\015\121\313\063
\350\052\011\303\172\377\016\243\200\206\140\301\160\227\340\300
\012\125\335\244\145\114\217\247\107\260\127\267\363\253\304\303
\031\343\230\354\015\260\033\121\221\311\331\011\326\351\152\263
\347\014\260\262\222\207\373\216\115\025\354\022\024\031\170\014
\142\352\024\071\030\012\305\125\333\123\205\334\173\050\372\025
\161\243\312\164\045\202\017\147\047\064\327\256\122\023\002\373
\305\357\232\200\045\245\122\236\071\016\355\072\364\170\007\137
\325\050\172\012\112\365\320\303\147\367\214\130\027\157\012\000
\243\046\020\264\140\042\072\112\110\245\332\340\251\204\336\103
\333\237\103\247\077\050\004\107\222\057\367\347\144\165\041\322

```
\117\201\316\252\076\144\016\343\016\255\125\232\176\224\233\064
\301\320\256\151\116\036\243\331\263\207\127\332\160\302\132\175
\207\315\371\277\067\336\355\126\065\367\267\042\016\117\222\270
\077\010\337\234\236\230\136\362\157\271\372\233\054\370\315\105
\330\162\262\040
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Autoridade Certificadora Raiz Brasileira v1"

Issuer: CN=Autoridade Certificadora Raiz Brasileira v1,OU=Instituto Nacional de Tecnologia da Informacao - ITI,O=ICP-Brasil,C=BR

Serial Number: 1 (0x1)

Subject: CN=Autoridade Certificadora Raiz Brasileira v1,OU=Instituto Nacional de Tecnologia da Informacao - ITI,O=ICP-Brasil,C=BR

Not Valid Before: Tue Jul 29 19:17:10 2008

Not Valid After: Thu Jul 29 19:17:10 2021

Fingerprint (MD5): 93:f1:ad:34:0b:2b:e7:a8:54:60:e2:73:8c:a4:94:31

Fingerprint (SHA1): 70:5d:2b:45:65:c7:04:7a:54:06:94:a7:9a:f7:ab:b8:42:bd:c1:61

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Autoridade Certificadora Raiz Brasileira v1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\160\135\053\105\145\307\004\172\124\006\224\247\232\367\253\270
\102\275\301\141
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\223\361\255\064\013\053\347\250\124\140\342\163\214\244\224\061
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\227\061\013\060\011\006\003\125\004\006\023\002\102\122
\061\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102
\162\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064
\111\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156
\141\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141
\040\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055
\040\111\124\111\061\064\060\062\006\003\125\004\003\023\053\101
\165\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146
\151\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141
\163\151\154\145\151\162\141\040\166\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\001
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "ipsCA Global CA Root"

Issuer: 1.2.840.113549.1.9.1=global01@ipsca.com,CN=ipsCA Global CA Root,OU=ipsCA,O=IPS Certification

Authority s.l. ipsCA,L=Madrid,ST=Madrid,C=ES

Serial Number: 0 (0x0)

Subject: 1.2.840.113549.1.9.1=global01@ipsca.com,CN=ipsCA Global CA Root,OU=ipsCA,O=IPS Certification

Authority s.l. ipsCA,L=Madrid,ST=Madrid,C=ES

Not Valid Before: Mon Sep 07 14:38:44 2009

Not Valid After: Tue Dec 25 14:38:44 2029

Fingerprint (MD5): 25:2a:c6:c5:89:68:39:f9:55:72:02:16:5e:a3:9e:d2

Fingerprint (SHA1): 3c:71:d7:0e:35:a5:da:a8:b2:e3:81:2d:c3:67:74:17:f5:99:0d:f3

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "ipsCA Global CA Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\017\060\015\006\003\125\004\010\023\006\115\141\144\162\151
\144\061\017\060\015\006\003\125\004\007\023\006\115\141\144\162
\151\144\061\057\060\055\006\003\125\004\012\023\046\111\120\123
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\163\056\154\056\040\151\160
\163\103\101\061\016\060\014\006\003\125\004\013\023\005\151\160
\163\103\101\061\035\060\033\006\003\125\004\003\023\024\151\160
\163\103\101\040\107\154\157\142\141\154\040\103\101\040\122\157
\157\164\061\041\060\037\006\011\052\206\110\206\367\015\001\011
\001\026\022\147\154\157\142\141\154\060\061\100\151\160\163\143
\141\056\143\157\155

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\017\060\015\006\003\125\004\010\023\006\115\141\144\162\151
\144\061\017\060\015\006\003\125\004\007\023\006\115\141\144\162
\151\144\061\057\060\055\006\003\125\004\012\023\046\111\120\123
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\163\056\154\056\040\151\160
\163\103\101\061\016\060\014\006\003\125\004\013\023\005\151\160
\163\103\101\061\035\060\033\006\003\125\004\003\023\024\151\160
\163\103\101\040\107\154\157\142\141\154\040\103\101\040\122\157
\157\164\061\041\060\037\006\011\052\206\110\206\367\015\001\011

\001\026\022\147\154\157\142\141\154\060\061\100\151\160\163\143
\141\056\143\157\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\007\060\202\004\357\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\262\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\017\060\015\006\003\125\004\010\023\006\115\141\144\162\151\144
\061\017\060\015\006\003\125\004\007\023\006\115\141\144\162\151
\144\061\057\060\055\006\003\125\004\012\023\046\111\120\123\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165
\164\150\157\162\151\164\171\040\163\056\154\056\040\151\160\163
\103\101\061\016\060\014\006\003\125\004\013\023\005\151\160\163
\103\101\061\035\060\033\006\003\125\004\003\023\024\151\160\163
\103\101\040\107\154\157\142\141\154\040\103\101\040\122\157\157
\164\061\041\060\037\006\011\052\206\110\206\367\015\001\011\001
\026\022\147\154\157\142\141\154\060\061\100\151\160\163\143\141
\056\143\157\155\060\036\027\015\060\071\060\071\060\067\061\064
\063\070\064\064\132\027\015\062\071\061\062\062\065\061\064\063
\070\064\064\132\060\201\262\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\017\060\015\006\003\125\004\010\023\006\115
\141\144\162\151\144\061\017\060\015\006\003\125\004\007\023\006
\115\141\144\162\151\144\061\057\060\055\006\003\125\004\012\023
\046\111\120\123\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\163\056\154
\056\040\151\160\163\103\101\061\016\060\014\006\003\125\004\013
\023\005\151\160\163\103\101\061\035\060\033\006\003\125\004\003
\023\024\151\160\163\103\101\040\107\154\157\142\141\154\040\103
\101\040\122\157\157\164\061\041\060\037\006\011\052\206\110\206
\367\015\001\011\001\026\022\147\154\157\142\141\154\060\061\100
\151\160\163\143\141\056\143\157\155\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\247\357\314\200\060\260
\221\044\117\260\150\370\303\312\055\025\070\125\130\202\342\070
\143\260\367\243\222\157\203\270\260\136\260\214\254\124\261\167
\320\120\340\227\263\220\255\212\263\037\071\053\105\126\367\252
\342\337\174\262\354\157\123\057\232\313\320\346\146\313\311\023
\350\162\342\264\315\061\127\207\022\265\223\350\372\162\316\352
\107\362\214\264\260\143\327\004\000\267\144\066\071\227\350\225
\361\210\371\161\015\003\047\214\141\317\010\203\226\117\203\305
\116\350\134\370\006\160\361\002\252\034\036\251\310\252\176\347
\135\315\215\074\024\157\147\320\033\251\043\110\213\041\050\072
\212\114\346\021\061\371\041\056\262\147\146\306\051\156\224\223
\317\100\226\374\260\075\277\262\264\223\277\126\161\266\245\101
\207\260\130\265\131\043\050\111\270\230\371\120\036\055\025\050

\013\114\254\111\321\204\251\233\232\347\162\124\267\070\320\333
\311\376\251\163\325\155\020\315\216\165\353\376\227\375\200\074
\374\264\330\110\364\231\106\013\210\024\244\266\056\333\114\140
\364\041\301\154\200\225\024\325\257\325\002\003\001\000\001\243
\202\002\044\060\202\002\040\060\035\006\003\125\035\016\004\026
\004\024\025\246\226\200\261\025\113\061\303\302\234\366\347\023
\013\113\363\030\315\206\060\201\337\006\003\125\035\043\004\201
\327\060\201\324\200\024\025\246\226\200\261\025\113\061\303\302
\234\366\347\023\013\113\363\030\315\206\241\201\270\244\201\265
\060\201\262\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\017\060\015\006\003\125\004\010\023\006\115\141\144\162\151
\144\061\017\060\015\006\003\125\004\007\023\006\115\141\144\162
\151\144\061\057\060\055\006\003\125\004\012\023\046\111\120\123
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\163\056\154\056\040\151\160
\163\103\101\061\016\060\014\006\003\125\004\013\023\005\151\160
\163\103\101\061\035\060\033\006\003\125\004\003\023\024\151\160
\163\103\101\040\107\154\157\142\141\154\040\103\101\040\122\157
\157\164\061\041\060\037\006\011\052\206\110\206\367\015\001\011
\001\026\022\147\154\157\142\141\154\060\061\100\151\160\163\143
\141\056\143\157\155\202\001\000\060\014\006\003\125\035\023\004
\005\060\003\001\001\377\060\013\006\003\125\035\017\004\004\003
\002\001\006\060\107\006\003\125\035\045\004\100\060\076\006\010
\053\006\001\005\005\007\003\001\006\010\053\006\001\005\005\007
\003\002\006\010\053\006\001\005\005\007\003\003\006\010\053\006
\001\005\005\007\003\004\006\010\053\006\001\005\005\007\003\010
\006\012\053\006\001\004\001\202\067\012\003\004\060\035\006\003
\125\035\021\004\026\060\024\201\022\147\154\157\142\141\154\060
\061\100\151\160\163\143\141\056\143\157\155\060\035\006\003\125
\035\022\004\026\060\024\201\022\147\154\157\142\141\154\060\061
\100\151\160\163\143\141\056\143\157\155\060\101\006\003\125\035
\037\004\072\060\070\060\066\240\064\240\062\206\060\150\164\164
\160\072\057\057\143\162\154\147\154\157\142\141\154\060\061\056
\151\160\163\143\141\056\143\157\155\057\143\162\154\057\143\162
\154\147\154\157\142\141\154\060\061\056\143\162\154\060\070\006
\010\053\006\001\005\005\007\001\001\004\054\060\052\060\050\006
\010\053\006\001\005\005\007\060\001\206\034\150\164\164\160\072
\057\057\143\162\154\147\154\157\142\141\154\060\061\056\151\160
\163\143\141\056\143\157\155\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\003\202\001\001\000\030\364\256\376\200
\017\216\301\167\157\242\132\107\110\237\043\125\241\123\153\371
\135\247\060\245\044\276\103\057\370\301\321\127\371\076\054\200
\045\314\106\251\066\363\111\133\035\366\174\327\143\263\115\076
\170\366\247\264\002\167\370\171\015\076\152\313\030\140\270\375
\000\257\014\335\124\343\124\217\042\075\363\020\157\021\015\265
\036\172\215\047\314\010\270\133\303\270\032\137\053\247\140\077
\000\034\367\017\134\102\146\144\236\207\022\200\160\211\340\372
\127\050\016\116\037\020\057\331\005\200\266\200\057\034\151\360

```
\366\266\145\064\005\157\312\331\076\370\324\135\067\062\307\270
\053\314\377\163\223\000\161\340\001\310\252\103\275\251\361\316
\372\200\371\361\103\022\221\246\145\345\140\007\115\107\272\053
\057\004\366\112\205\051\210\145\020\311\262\123\142\234\154\233
\140\134\032\033\323\256\305\035\162\231\006\377\005\314\206\046
\163\264\324\124\005\335\036\153\000\073\267\211\350\343\221\002
\040\022\353\357\351\376\012\051\043\201\043\243\000\332\160\314
\222\137\067\043\320\034\173\065\134\003\172
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "ipsCA Global CA Root"

Issuer: 1.2.840.113549.1.9.1=global01@ipsca.com,CN=ipsCA Global CA Root,OU=ipsCA,O=IPS Certification

Authority s.l. ipsCA,L=Madrid,ST=Madrid,C=ES

Serial Number: 0 (0x0)

Subject: 1.2.840.113549.1.9.1=global01@ipsca.com,CN=ipsCA Global CA Root,OU=ipsCA,O=IPS Certification

Authority s.l. ipsCA,L=Madrid,ST=Madrid,C=ES

Not Valid Before: Mon Sep 07 14:38:44 2009

Not Valid After: Tue Dec 25 14:38:44 2029

Fingerprint (MD5): 25:2a:c6:c5:89:68:39:f9:55:72:02:16:5e:a3:9e:d2

Fingerprint (SHA1): 3c:71:d7:0e:35:a5:da:a8:b2:e3:81:2d:c3:67:74:17:f5:99:0d:f3

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ipsCA Global CA Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\074\161\327\016\065\245\332\250\262\343\201\055\303\147\164\027
\365\231\015\363
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\045\052\306\305\211\150\071\371\125\162\002\026\136\243\236\322
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\262\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\017\060\015\006\003\125\004\010\023\006\115\141\144\162\151
\144\061\017\060\015\006\003\125\004\007\023\006\115\141\144\162
\151\144\061\057\060\055\006\003\125\004\012\023\046\111\120\123
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\163\056\154\056\040\151\160
\163\103\101\061\016\060\014\006\003\125\004\013\023\005\151\160
\163\103\101\061\035\060\033\006\003\125\004\003\023\024\151\160
\163\103\101\040\107\154\157\142\141\154\040\103\101\040\122\157
\157\164\061\041\060\037\006\011\052\206\110\206\367\015\001\011
\001\026\022\147\154\157\142\141\154\060\061\100\151\160\163\143
```

\141\056\143\157\155

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "ipsCA Main CA Root"

Issuer: 1.2.840.113549.1.9.1=main01@ipsca.com,CN=ipsCA Main CA Root,OU=ipsCA,O=IPS Certification
Authority s.l. ipsCA,L=Madrid,ST=Madrid,C=ES

Serial Number: 0 (0x0)

Subject: 1.2.840.113549.1.9.1=main01@ipsca.com,CN=ipsCA Main CA Root,OU=ipsCA,O=IPS Certification
Authority s.l. ipsCA,L=Madrid,ST=Madrid,C=ES

Not Valid Before: Mon Sep 07 14:54:36 2009

Not Valid After: Tue Dec 25 14:54:36 2029

Fingerprint (MD5): 30:c9:08:dd:d7:3e:63:a4:09:28:14:c7:4e:b9:7e:2c

Fingerprint (SHA1): cf:e4:31:3d:ba:05:b8:a7:c3:00:63:99:5a:9e:b7:c2:47:ad:8f:d5

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "ipsCA Main CA Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\123

\061\017\060\015\006\003\125\004\010\023\006\115\141\144\162\151

\144\061\017\060\015\006\003\125\004\007\023\006\115\141\144\162

\151\144\061\057\060\055\006\003\125\004\012\023\046\111\120\123

\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101

\165\164\150\157\162\151\164\171\040\163\056\154\056\040\151\160

\163\103\101\061\016\060\014\006\003\125\004\013\023\005\151\160

\163\103\101\061\033\060\031\006\003\125\004\003\023\022\151\160

\163\103\101\040\115\141\151\156\040\103\101\040\122\157\157\164

\061\037\060\035\006\011\052\206\110\206\367\015\001\011\001\026

\020\155\141\151\156\060\061\100\151\160\163\143\141\056\143\157

\155

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\123

\061\017\060\015\006\003\125\004\010\023\006\115\141\144\162\151

\144\061\017\060\015\006\003\125\004\007\023\006\115\141\144\162

\151\144\061\057\060\055\006\003\125\004\012\023\046\111\120\123

\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101

\165\164\150\157\162\151\164\171\040\163\056\154\056\040\151\160
\163\103\101\061\016\060\014\006\003\125\004\013\023\005\151\160
\163\103\101\061\033\060\031\006\003\125\004\003\023\022\151\160
\163\103\101\040\115\141\151\156\040\103\101\040\122\157\157\164
\061\037\060\035\006\011\052\206\110\206\367\015\001\011\001\026
\020\155\141\151\156\060\061\100\151\160\163\143\141\056\143\157
\155

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\356\060\202\004\326\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\256\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\017\060\015\006\003\125\004\010\023\006\115\141\144\162\151\144
\061\017\060\015\006\003\125\004\007\023\006\115\141\144\162\151
\144\061\057\060\055\006\003\125\004\012\023\046\111\120\123\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165
\164\150\157\162\151\164\171\040\163\056\154\056\040\151\160\163
\103\101\061\016\060\014\006\003\125\004\013\023\005\151\160\163
\103\101\061\033\060\031\006\003\125\004\003\023\022\151\160\163
\103\101\040\115\141\151\156\040\103\101\040\122\157\157\164\061
\037\060\035\006\011\052\206\110\206\367\015\001\011\001\026\020
\155\141\151\156\060\061\100\151\160\163\143\141\056\143\157\155
\060\036\027\015\060\071\060\071\060\067\061\064\065\064\063\066
\132\027\015\062\071\061\062\062\065\061\064\065\064\063\066\132
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\017\060\015\006\003\125\004\010\023\006\115\141\144\162\151
\144\061\017\060\015\006\003\125\004\007\023\006\115\141\144\162
\151\144\061\057\060\055\006\003\125\004\012\023\046\111\120\123
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\163\056\154\056\040\151\160
\163\103\101\061\016\060\014\006\003\125\004\013\023\005\151\160
\163\103\101\061\033\060\031\006\003\125\004\003\023\022\151\160
\163\103\101\040\115\141\151\156\040\103\101\040\122\157\157\164
\061\037\060\035\006\011\052\206\110\206\367\015\001\011\001\026
\020\155\141\151\156\060\061\100\151\160\163\143\141\056\143\157
\155\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001
\001\000\225\060\045\262\175\042\114\332\077\026\302\147\337\145
\314\353\105\222\107\145\236\254\166\317\154\152\311\316\003\315
\243\303\070\162\343\155\245\153\245\122\207\346\142\245\373\001
\175\357\147\104\313\266\101\357\013\140\175\112\375\042\355\241
\343\364\235\262\102\140\316\066\015\051\131\171\356\142\007\172
\271\023\115\304\143\065\227\266\246\365\006\214\355\031\145\077
\214\046\064\177\356\350\051\226\213\253\174\166\200\024\304\047
\121\234\143\277\052\224\206\030\217\220\236\205\375\032\331\164

\160\320\177\354\035\244\054\172\121\305\201\024\253\125\263\142
\225\203\017\203\110\150\206\267\357\077\006\213\216\245\150\302
\243\131\246\231\120\113\015\274\134\162\025\340\262\105\213\036
\131\311\052\117\133\326\242\277\301\177\275\250\246\242\175\174
\051\004\341\033\272\102\301\154\316\331\273\272\124\060\075\047
\207\301\234\270\017\262\333\137\104\200\232\152\103\115\026\323
\334\304\160\250\216\230\150\034\342\062\303\261\107\040\213\013
\152\212\237\377\125\301\217\275\166\171\056\170\233\060\010\160
\056\157\002\003\001\000\001\243\202\002\023\060\202\002\017\060
\035\006\003\125\035\016\004\026\004\024\141\355\071\215\153\074
\341\066\306\317\333\101\374\033\103\121\127\313\115\153\060\201
\333\006\003\125\035\043\004\201\323\060\201\320\200\024\141\355
\071\215\153\074\341\066\306\317\333\101\374\033\103\121\127\313
\115\153\241\201\264\244\201\261\060\201\256\061\013\060\011\006
\003\125\004\006\023\002\105\123\061\017\060\015\006\003\125\004
\010\023\006\115\141\144\162\151\144\061\017\060\015\006\003\125
\004\007\023\006\115\141\144\162\151\144\061\057\060\055\006\003
\125\004\012\023\046\111\120\123\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\163\056\154\056\040\151\160\163\103\101\061\016\060\014\006
\003\125\004\013\023\005\151\160\163\103\101\061\033\060\031\006
\003\125\004\003\023\022\151\160\163\103\101\040\115\141\151\156
\040\103\101\040\122\157\157\164\061\037\060\035\006\011\052\206
\110\206\367\015\001\011\001\026\020\155\141\151\156\060\061\100
\151\160\163\143\141\056\143\157\155\202\001\000\060\014\006\003
\125\035\023\004\005\060\003\001\001\377\060\013\006\003\125\035
\017\004\004\003\002\001\006\060\107\006\003\125\035\045\004\100
\060\076\006\010\053\006\001\005\005\007\003\001\006\010\053\006
\001\005\005\007\003\002\006\010\053\006\001\005\005\007\003\003
\006\010\053\006\001\005\005\007\003\004\006\010\053\006\001\005
\005\007\003\010\006\012\053\006\001\004\001\202\067\012\003\004
\060\033\006\003\125\035\021\004\024\060\022\201\020\155\141\151
\156\060\061\100\151\160\163\143\141\056\143\157\155\060\033\006
\003\125\035\022\004\024\060\022\201\020\155\141\151\156\060\061
\100\151\160\163\143\141\056\143\157\155\060\072\006\003\125\035
\037\004\063\060\061\060\057\240\055\240\053\206\051\150\164\164
\160\072\057\057\143\162\154\155\141\151\156\060\061\056\151\160
\163\143\141\056\143\157\155\057\143\162\154\057\155\141\151\156
\060\061\056\143\162\154\060\066\006\010\053\006\001\005\005\007
\001\001\004\052\060\050\060\046\006\010\053\006\001\005\005\007
\060\001\206\032\150\164\164\160\072\057\057\143\162\154\155\141
\151\156\060\061\056\151\160\163\143\141\056\143\157\155\060\015
\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001
\001\000\106\234\017\142\266\332\075\034\151\076\276\042\301\351
\176\040\357\311\356\372\306\020\236\145\135\117\270\104\263\324
\041\151\126\117\162\176\142\336\233\111\207\235\343\310\140\255
\157\260\006\067\035\100\341\175\072\320\023\326\227\342\207\166
\367\037\115\323\203\055\012\271\210\131\322\041\317\346\300\166

```
\217\265\111\153\371\074\315\136\053\251\351\244\051\023\317\012
\372\235\223\055\333\070\341\162\052\015\073\057\160\227\275\331
\263\004\261\242\156\372\157\204\317\140\161\073\232\343\205\330
\177\270\015\062\033\240\372\005\144\026\150\044\073\233\370\314
\052\000\021\177\300\052\334\075\351\051\224\161\002\243\030\156
\054\014\060\005\316\230\226\115\032\366\121\143\241\106\364\057
\217\121\037\075\256\207\122\375\300\073\223\310\214\162\321\161
\310\231\352\175\244\014\214\237\061\207\172\367\333\225\360\277
\157\105\317\254\205\337\321\106\136\145\102\223\112\020\027\164
\030\005\002\132\114\222\067\341\342\055\103\012\272\232\252\104
\114\207\315\304\224\334\157\033\152\307\022\222\144\267\000\370
\045\115
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "ipsCA Main CA Root"
```

```
# Issuer: 1.2.840.113549.1.9.1=main01@ipsca.com,CN=ipsCA Main CA Root,OU=ipsCA,O=IPS Certification
```

```
Authority s.l. ipsCA,L=Madrid,ST=Madrid,C=ES
```

```
# Serial Number: 0 (0x0)
```

```
# Subject: 1.2.840.113549.1.9.1=main01@ipsca.com,CN=ipsCA Main CA Root,OU=ipsCA,O=IPS Certification
```

```
Authority s.l. ipsCA,L=Madrid,ST=Madrid,C=ES
```

```
# Not Valid Before: Mon Sep 07 14:54:36 2009
```

```
# Not Valid After: Tue Dec 25 14:54:36 2029
```

```
# Fingerprint (MD5): 30:c9:08:dd:d7:3e:63:a4:09:28:14:c7:4e:b9:7e:2c
```

```
# Fingerprint (SHA1): cf:e4:31:3d:ba:05:b8:a7:c3:00:63:99:5a:9e:b7:c2:47:ad:8f:d5
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ipsCA Main CA Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\317\344\061\075\272\005\270\247\303\000\143\231\132\236\267\302
\107\255\217\325
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\060\311\010\335\327\076\143\244\011\050\024\307\116\271\176\054
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\017\060\015\006\003\125\004\010\023\006\115\141\144\162\151
\144\061\017\060\015\006\003\125\004\007\023\006\115\141\144\162
\151\144\061\057\060\055\006\003\125\004\012\023\046\111\120\123
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\163\056\154\056\040\151\160
\163\103\101\061\016\060\014\006\003\125\004\013\023\005\151\160
```

```
\163\103\101\061\033\060\031\006\003\125\004\003\023\022\151\160
\163\103\101\040\115\141\151\156\040\103\101\040\122\157\157\164
\061\037\060\035\006\011\052\206\110\206\367\015\001\011\001\026
\020\155\141\151\156\060\061\100\151\160\163\143\141\056\143\157
\155
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\001\000
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Actalis Authentication CA G1"

Issuer: CN=Actalis Authentication CA G1,O=Actalis S.p.A./03358520967,L=Milano,C=IT

Serial Number: 1 (0x1)

Subject: CN=Actalis Authentication CA G1,O=Actalis S.p.A./03358520967,L=Milano,C=IT

Not Valid Before: Tue Jun 23 14:06:00 2009

Not Valid After: Sat Jun 25 14:06:00 2022

Fingerprint (MD5): c2:2a:59:ab:cf:15:2f:4c:f7:e6:31:a3:16:ae:84:0c

Fingerprint (SHA1): 91:58:c5:ef:98:73:01:a8:90:3c:fd:ab:03:d7:2d:a1:d8:89:09:c9

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Actalis Authentication CA G1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\152\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\017\060\015\006\003\125\004\007\014\006\115\151\154\141\156\157
\061\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154
\151\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065
\062\060\071\066\067\061\045\060\043\006\003\125\004\003\014\034
\101\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151
\143\141\164\151\157\156\040\103\101\040\107\061
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\152\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\017\060\015\006\003\125\004\007\014\006\115\151\154\141\156\157
\061\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154
\151\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065
\062\060\071\066\067\061\045\060\043\006\003\125\004\003\014\034
\101\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151
\143\141\164\151\157\156\040\103\101\040\107\061
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\224\060\202\002\174\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\152\061\013\060\011\006\003\125\004\006\023\002\111\124\061\017
\060\015\006\003\125\004\007\014\006\115\151\154\141\156\157\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\045\060\043\006\003\125\004\003\014\034\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\103\101\040\107\061\060\036\027\015\060
\071\060\066\062\063\061\064\060\066\060\060\132\027\015\062\062
\060\066\062\065\061\064\060\066\060\060\132\060\152\061\013\060
\011\006\003\125\004\006\023\002\111\124\061\017\060\015\006\003
\125\004\007\014\006\115\151\154\141\156\157\061\043\060\041\006
\003\125\004\012\014\032\101\143\164\141\154\151\163\040\123\056
\160\056\101\056\057\060\063\063\065\070\065\062\060\071\066\067
\061\045\060\043\006\003\125\004\003\014\034\101\143\164\141\154
\151\163\040\101\165\164\150\145\156\164\151\143\141\164\151\157
\156\040\103\101\040\107\061\060\202\001\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060
\202\001\012\002\202\001\001\000\303\034\206\064\077\047\122\102
\140\272\053\140\320\041\053\311\327\351\100\165\072\154\130\017
\043\073\317\206\076\324\144\253\156\332\352\310\052\330\225\105
\337\311\034\322\045\222\236\020\230\132\213\161\151\300\225\351
\366\153\150\334\367\266\304\015\376\156\365\160\073\301\244\250
\117\040\242\047\013\237\361\022\165\174\317\256\177\136\313\170
\002\130\050\327\057\252\333\240\256\164\075\176\253\366\351\162
\241\052\317\326\220\140\337\340\240\065\312\300\333\004\304\007
\126\374\146\165\214\216\172\023\241\074\006\153\032\346\177\071
\234\210\344\204\157\242\342\177\153\237\354\001\252\322\304\313
\262\354\232\075\270\027\030\254\037\140\231\063\346\353\005\335
\314\362\151\147\260\016\276\050\044\103\313\055\271\107\204\031
\371\352\344\361\365\150\364\237\307\173\120\121\257\242\374\157
\167\210\061\277\222\333\177\234\305\265\254\241\010\230\347\152
\063\376\321\273\000\341\267\005\010\257\363\246\126\210\066\075
\343\212\112\342\015\235\200\206\146\237\324\302\243\120\272\034
\022\327\207\212\061\112\270\025\002\003\001\000\001\243\105\060
\103\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\022\006\003\125\035\023\001\001\377\004\010\060\006\001
\001\377\002\001\000\060\035\006\003\125\035\016\004\026\004\024
\001\273\326\233\126\264\176\346\305\130\335\054\230\364\312\162
\366\137\063\206\060\015\006\011\052\206\110\206\367\015\001\001
\005\005\000\003\202\001\001\000\241\040\326\313\242\064\155\074
\156\341\125\322\112\320\331\272\262\067\121\210\167\047\356\002
\110\223\105\101\342\165\121\362\031\224\011\240\363\270\175\272

```
\003\200\043\240\045\357\001\031\265\331\032\172\055\343\102\212
\261\206\061\017\226\354\146\204\362\316\043\022\106\226\153\061
\136\006\272\257\243\122\252\102\040\250\321\256\252\233\337\304
\027\236\123\160\001\264\251\032\332\150\310\143\017\266\132\163
\123\321\151\021\006\023\122\347\153\250\005\061\267\260\374\207
\106\305\165\210\201\361\137\170\002\347\237\255\234\273\124\355
\137\231\152\067\325\353\125\263\052\300\103\140\121\334\264\161
\222\046\243\017\314\172\075\334\300\102\211\027\051\010\147\124
\144\305\371\250\104\274\204\161\130\226\075\147\127\177\273\254
\220\263\161\042\277\076\272\254\146\046\105\020\263\360\037\072
\072\150\245\120\065\312\264\027\221\006\001\054\367\015\260\160
\262\133\126\165\271\167\231\300\331\225\205\002\055\163\146\007
\311\117\231\021\356\133\053\250\343\150\043\005\250\363\004\017
\006\273\037\011\216\306\133\035
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Actalis Authentication CA G1"
# Issuer: CN=Actalis Authentication CA G1,O=Actalis S.p.A./03358520967,L=Milano,C=IT
# Serial Number: 1 (0x1)
# Subject: CN=Actalis Authentication CA G1,O=Actalis S.p.A./03358520967,L=Milano,C=IT
# Not Valid Before: Tue Jun 23 14:06:00 2009
# Not Valid After: Sat Jun 25 14:06:00 2022
# Fingerprint (MD5): c2:2a:59:ab:cf:15:2f:4c:f7:e6:31:a3:16:ae:84:0c
# Fingerprint (SHA1): 91:58:c5:ef:98:73:01:a8:90:3c:fd:ab:03:d7:2d:a1:d8:89:09:c9
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication CA G1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\221\130\305\357\230\163\001\250\220\074\375\253\003\327\055\241
\330\211\011\311
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\302\052\131\253\317\025\057\114\367\346\061\243\026\256\204\014
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\152\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\017\060\015\006\003\125\004\007\014\006\115\151\154\141\156\157
\061\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154
\151\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065
\062\060\071\066\067\061\045\060\043\006\003\125\004\003\014\034
\101\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151
\143\141\164\151\157\156\040\103\101\040\107\061
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "A-Trust-Qual-03"
# Issuer: CN=A-Trust-Qual-03,OU=A-Trust-Qual-03,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr
GmbH,C=AT
# Serial Number: 255636 (0x3e694)
# Subject: CN=A-Trust-Qual-03,OU=A-Trust-Qual-03,O=A-Trust Ges. f. Sicherheitssysteme im elektr.
Datenverkehr GmbH,C=AT
# Not Valid Before: Thu Apr 24 22:00:00 2008
# Not Valid After: Tue Apr 24 22:00:00 2018
# Fingerprint (MD5): d8:7e:32:ef:69:f8:bf:72:03:1d:40:82:e8:a7:75:af
# Fingerprint (SHA1): 42:ef:dd:e6:bf:f3:5e:d0:ba:e6:ac:dd:20:4c:50:ae:86:c4:f4:fa
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "A-Trust-Qual-03"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\213\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165
\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145
\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155
\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145
\162\153\145\150\162\040\107\155\142\110\061\030\060\026\006\003
\125\004\013\014\017\101\055\124\162\165\163\164\055\121\165\141
\154\055\060\063\061\030\060\026\006\003\125\004\003\014\017\101
\055\124\162\165\163\164\055\121\165\141\154\055\060\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\213\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165
\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145
\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155
\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145
\162\153\145\150\162\040\107\155\142\110\061\030\060\026\006\003
\125\004\013\014\017\101\055\124\162\165\163\164\055\121\165\141
\154\055\060\063\061\030\060\026\006\003\125\004\003\014\017\101
\055\124\162\165\163\164\055\121\165\141\154\055\060\063

```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\003\003\346\224

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\313\060\202\002\263\240\003\002\001\002\002\003\003
\346\224\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\201\213\061\013\060\011\006\003\125\004\006\023\002\101
\124\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162
\165\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150
\145\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151
\155\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166
\145\162\153\145\150\162\040\107\155\142\110\061\030\060\026\006
\003\125\004\013\014\017\101\055\124\162\165\163\164\055\121\165
\141\154\055\060\063\061\030\060\026\006\003\125\004\003\014\017
\101\055\124\162\165\163\164\055\121\165\141\154\055\060\063\060
\036\027\015\060\070\060\064\062\064\062\062\060\060\060\060\132
\027\015\061\070\060\064\062\064\062\062\060\060\060\060\132\060
\201\213\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165\163
\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145\162
\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155\040
\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145\162
\153\145\150\162\040\107\155\142\110\061\030\060\026\006\003\125
\004\013\014\017\101\055\124\162\165\163\164\055\121\165\141\154
\055\060\063\061\030\060\026\006\003\125\004\003\014\017\101\055
\124\162\165\163\164\055\121\165\141\154\055\060\063\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\263\236
\044\210\034\322\317\100\003\110\152\252\245\240\053\275\226\365
\174\012\237\237\253\120\220\333\101\316\126\200\171\052\300\375
\223\123\172\234\133\363\131\141\044\210\143\243\325\030\356\233
\204\164\204\234\354\214\075\332\301\206\172\157\066\056\046\353
\176\075\311\076\255\347\256\113\164\167\050\053\044\040\377\052
\056\302\225\144\020\366\176\173\303\267\332\021\175\236\253\355
\057\214\031\242\034\235\214\314\063\160\165\011\007\376\136\373
\100\244\045\214\057\375\265\121\147\072\250\053\114\237\326\150
\235\140\233\244\305\143\260\356\160\315\050\077\112\164\352\131
\371\165\305\000\006\156\037\260\143\301\052\252\023\135\374\313
\322\145\033\071\061\042\132\302\171\042\135\031\361\113\302\276
\316\034\210\001\164\361\046\101\167\062\071\306\214\120\150\317
\123\205\103\212\017\240\217\356\216\013\222\243\000\100\276\300
\242\131\136\054\241\104\270\376\037\042\323\014\272\320\350\357
\051\344\162\067\112\213\370\026\354\042\062\007\052\043\054\363
\243\327\315\312\251\247\117\162\277\274\021\216\250\033\002\003
\001\000\001\243\066\060\064\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\021\006\003\125\035\016\004
\012\004\010\106\006\337\067\362\302\067\020\060\016\006\003\125


```
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\161
\010\324\046\104\276\200\342\153\102\265\052\120\375\135\350\214
\140\363\234\266\222\201\162\070\262\157\251\076\201\362\303\064
\044\123\241\121\122\310\245\211\323\274\334\333\022\271\333\251
\260\130\357\300\010\146\062\142\343\341\363\243\130\243\167\156
\356\344\241\273\127\021\150\167\063\010\364\315\131\270\352\135
\033\011\306\254\314\215\013\272\315\337\326\232\276\253\166\000
\255\175\026\113\144\134\337\230\076\153\155\136\054\174\071\025
\131\102\067\040\074\237\303\334\177\365\123\066\267\342\307\244
\042\214\172\276\161\275\115\263\150\310\270\251\211\377\161\060
\213\317\221\155\362\205\056\245\112\042\176\162\336\324\256\261
\355\014\357\374\105\175\055\334\044\255\355\171\007\345\255\117
\262\351\122\164\111\270\214\122\372\275\022\344\031\303\374\121
\215\026\343\153\150\156\071\232\337\051\071\245\273\261\241\027
\301\027\343\165\152\374\175\261\162\074\337\301\352\345\243\034
\324\235\131\033\032\164\037\151\052\203\124\044\030\323\356\345
\340\203\127\276\033\342\320\037\255\154\065\276\215\272\137
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "A-Trust-Qual-03"

Issuer: CN=A-Trust-Qual-03,OU=A-Trust-Qual-03,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH,C=AT

Serial Number: 255636 (0x3e694)

Subject: CN=A-Trust-Qual-03,OU=A-Trust-Qual-03,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH,C=AT

Not Valid Before: Thu Apr 24 22:00:00 2008

Not Valid After: Tue Apr 24 22:00:00 2018

Fingerprint (MD5): d8:7e:32:ef:69:f8:bf:72:03:1d:40:82:e8:a7:75:af

Fingerprint (SHA1): 42:ef:dd:e6:bf:f3:5e:d0:ba:e6:ac:dd:20:4c:50:ae:86:c4:f4:fa

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "A-Trust-Qual-03"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\102\357\335\346\277\363\136\320\272\346\254\335\040\114\120\256
\206\304\364\372
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\330\176\062\357\151\370\277\162\003\035\100\202\350\247\165\257
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\213\061\013\060\011\006\003\125\004\006\023\002\101\124
```

```
\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165
\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145
\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155
\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145
\162\153\145\150\162\040\107\155\142\110\061\030\060\026\006\003
\125\004\013\014\017\101\055\124\162\165\163\164\055\121\165\141
\154\055\060\063\061\030\060\026\006\003\125\004\003\014\017\101
\055\124\162\165\163\164\055\121\165\141\154\055\060\063
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\003\003\346\224
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "AddTrust External CA Root"

Issuer: CN=AddTrust External CA Root,OU=AddTrust External TTP Network,O=AddTrust AB,C=SE

Serial Number: 1 (0x1)

Subject: CN=AddTrust External CA Root,OU=AddTrust External TTP Network,O=AddTrust AB,C=SE

Not Valid Before: Tue May 30 10:48:38 2000

Not Valid After: Sat May 30 10:48:38 2020

Fingerprint (MD5): 1d:35:54:04:85:78:b0:3f:42:42:4d:bf:20:73:0a:3f

Fingerprint (SHA1): 02:fa:f3:e2:91:43:54:68:60:78:57:69:4d:f5:e4:5b:68:85:18:68

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "AddTrust External CA Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\157\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\024\060\022\006\003\125\004\012\023\013\101\144\144\124\162\165
\163\164\040\101\102\061\046\060\044\006\003\125\004\013\023\035
\101\144\144\124\162\165\163\164\040\105\170\164\145\162\156\141
\154\040\124\124\120\040\116\145\164\167\157\162\153\061\042\060
\040\006\003\125\004\003\023\031\101\144\144\124\162\165\163\164
\040\105\170\164\145\162\156\141\154\040\103\101\040\122\157\157
\164
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\157\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\024\060\022\006\003\125\004\012\023\013\101\144\144\124\162\165
\163\164\040\101\102\061\046\060\044\006\003\125\004\013\023\035
\101\144\144\124\162\165\163\164\040\105\170\164\145\162\156\141
```

\154\040\124\124\120\040\116\145\164\167\157\162\153\061\042\060
\040\006\003\125\004\003\023\031\101\144\144\124\162\165\163\164
\040\105\170\164\145\162\156\141\154\040\103\101\040\122\157\157
\164

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\066\060\202\003\036\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\157\061\013\060\011\006\003\125\004\006\023\002\123\105\061\024
\060\022\006\003\125\004\012\023\013\101\144\144\124\162\165\163
\164\040\101\102\061\046\060\044\006\003\125\004\013\023\035\101
\144\144\124\162\165\163\164\040\105\170\164\145\162\156\141\154
\040\124\124\120\040\116\145\164\167\157\162\153\061\042\060\040
\006\003\125\004\003\023\031\101\144\144\124\162\165\163\164\040
\105\170\164\145\162\156\141\154\040\103\101\040\122\157\157\164
\060\036\027\015\060\060\060\065\063\060\061\060\064\070\063\070
\132\027\015\062\060\060\065\063\060\061\060\064\070\063\070\132
\060\157\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\024\060\022\006\003\125\004\012\023\013\101\144\144\124\162\165
\163\164\040\101\102\061\046\060\044\006\003\125\004\013\023\035
\101\144\144\124\162\165\163\164\040\105\170\164\145\162\156\141
\154\040\124\124\120\040\116\145\164\167\157\162\153\061\042\060
\040\006\003\125\004\003\023\031\101\144\144\124\162\165\163\164
\040\105\170\164\145\162\156\141\154\040\103\101\040\122\157\157
\164\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001
\001\000\267\367\032\063\346\362\000\004\055\071\340\116\133\355
\037\274\154\017\315\265\372\043\266\316\336\233\021\063\227\244
\051\114\175\223\237\275\112\274\223\355\003\032\343\217\317\345
\155\120\132\326\227\051\224\132\200\260\111\172\333\056\225\375
\270\312\277\067\070\055\036\076\221\101\255\160\126\307\360\117
\077\350\062\236\164\312\310\220\124\351\306\137\017\170\235\232
\100\074\016\254\141\252\136\024\217\236\207\241\152\120\334\327
\232\116\257\005\263\246\161\224\234\161\263\120\140\012\307\023
\235\070\007\206\002\250\351\250\151\046\030\220\253\114\260\117
\043\253\072\117\204\330\337\316\237\341\151\157\273\327\102\327
\153\104\344\307\255\356\155\101\137\162\132\161\010\067\263\171
\145\244\131\240\224\067\367\000\057\015\302\222\162\332\320\070
\162\333\024\250\105\304\135\052\175\267\264\326\304\356\254\315
\023\104\267\311\053\335\103\000\045\372\141\271\151\152\130\043
\021\267\247\063\217\126\165\131\365\315\051\327\106\267\012\053
\145\266\323\102\157\025\262\270\173\373\357\351\135\123\325\064
\132\047\002\003\001\000\001\243\201\334\060\201\331\060\035\006
\003\125\035\016\004\026\004\024\255\275\230\172\064\264\046\367
\372\304\046\124\357\003\275\340\044\313\124\032\060\013\006\003

\125\035\017\004\004\003\002\001\006\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\201\231\006\003\125
\035\043\004\201\221\060\201\216\200\024\255\275\230\172\064\264
\046\367\372\304\046\124\357\003\275\340\044\313\124\032\241\163
\244\161\060\157\061\013\060\011\006\003\125\004\006\023\002\123
\105\061\024\060\022\006\003\125\004\012\023\013\101\144\144\124
\162\165\163\164\040\101\102\061\046\060\044\006\003\125\004\013
\023\035\101\144\144\124\162\165\163\164\040\105\170\164\145\162
\156\141\154\040\124\124\120\040\116\145\164\167\157\162\153\061
\042\060\040\006\003\125\004\003\023\031\101\144\144\124\162\165
\163\164\040\105\170\164\145\162\156\141\154\040\103\101\040\122
\157\157\164\202\001\001\060\015\006\011\052\206\110\206\367\015
\001\001\005\005\000\003\202\001\001\000\260\233\340\205\045\302
\326\043\342\017\226\006\222\235\101\230\234\331\204\171\201\331
\036\133\024\007\043\066\145\217\260\330\167\273\254\101\154\107
\140\203\121\260\371\062\075\347\374\366\046\023\307\200\026\245
\277\132\374\207\317\170\171\211\041\232\342\114\007\012\206\065
\274\362\336\121\304\322\226\267\334\176\116\356\160\375\034\071
\353\014\002\121\024\055\216\275\026\340\301\337\106\165\347\044
\255\354\364\102\264\205\223\160\020\147\272\235\006\065\112\030
\323\053\172\314\121\102\241\172\143\321\346\273\241\305\053\302
\066\276\023\015\346\275\143\176\171\173\247\011\015\100\253\152
\335\217\212\303\366\366\214\032\102\005\121\324\105\365\237\247
\142\041\150\025\040\103\074\231\347\174\275\044\330\251\221\027
\163\210\077\126\033\061\070\030\264\161\017\232\315\310\016\236
\216\056\033\341\214\230\203\313\037\061\361\104\114\306\004\163
\111\166\140\017\307\370\275\027\200\153\056\351\314\114\016\132
\232\171\017\040\012\056\325\236\143\046\036\125\222\224\330\202
\027\132\173\320\274\307\217\116\206\004

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "AddTrust External CA Root"
Issuer: CN=AddTrust External CA Root,OU=AddTrust External TTP Network,O=AddTrust AB,C=SE
Serial Number: 1 (0x1)
Subject: CN=AddTrust External CA Root,OU=AddTrust External TTP Network,O=AddTrust AB,C=SE
Not Valid Before: Tue May 30 10:48:38 2000
Not Valid After: Sat May 30 10:48:38 2020
Fingerprint (MD5): 1d:35:54:04:85:78:b0:3f:42:42:4d:bf:20:73:0a:3f
Fingerprint (SHA1): 02:fa:f3:e2:91:43:54:68:60:78:57:69:4d:f5:e4:5b:68:85:18:68
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AddTrust External CA Root"

```

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\002\372\363\342\221\103\124\150\140\170\127\151\115\365\344\133
\150\205\030\150
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\035\065\124\004\205\170\260\077\102\102\115\277\040\163\012\077
END
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\123\105\061
\024\060\022\006\003\125\004\012\023\013\101\144\144\124\162\165
\163\164\040\101\102\061\046\060\044\006\003\125\004\013\023\035
\101\144\144\124\162\165\163\164\040\105\170\164\145\162\156\141
\154\040\124\124\120\040\116\145\164\167\157\162\153\061\042\060
\040\006\003\125\004\003\023\031\101\144\144\124\162\165\163\164
\040\105\170\164\145\162\156\141\154\040\103\101\040\122\157\157
\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "ECRaizEstado"
# Issuer: CN=ECRaizEstado,O=SCEE,C=PT
# Serial Number:42:ea:5b:0a:51:11:26:7c:d8:27:74:b7:df:7f:71
# Subject: CN=ECRaizEstado,O=SCEE,C=PT
# Not Valid Before: Fri Jun 23 13:41:27 2006
# Not Valid After: Sun Jun 23 13:41:27 2030
# Fingerprint (MD5): c2:db:ab:8e:96:52:c5:ee:ae:f2:55:00:89:6d:55:95
# Fingerprint (SHA1): 39:13:85:3e:45:c4:39:a2:da:71:8c:df:b6:f3:e0:33:e0:4f:ee:71
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ECRaizEstado"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\063\061\013\060\011\006\003\125\004\006\023\002\120\124\061
\015\060\013\006\003\125\004\012\014\004\123\103\105\105\061\025
\060\023\006\003\125\004\003\014\014\105\103\122\141\151\172\105
\163\164\141\144\157
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

```

\060\063\061\013\060\011\006\003\125\004\006\023\002\120\124\061
\015\060\013\006\003\125\004\012\014\004\123\103\105\105\061\025
\060\023\006\003\125\004\003\014\014\105\103\122\141\151\172\105
\163\164\141\144\157

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\017\102\352\133\012\121\021\046\174\330\047\164\267\337\177
\161

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\156\060\202\003\126\240\003\002\001\002\002\017\102
\352\133\012\121\021\046\174\330\047\164\267\337\177\161\060\015
\006\011\052\206\110\206\367\015\001\001\005\005\000\060\063\061
\013\060\011\006\003\125\004\006\023\002\120\124\061\015\060\013
\006\003\125\004\012\014\004\123\103\105\105\061\025\060\023\006
\003\125\004\003\014\014\105\103\122\141\151\172\105\163\164\141
\144\157\060\036\027\015\060\066\060\066\062\063\061\063\064\061
\062\067\132\027\015\063\060\060\066\062\063\061\063\064\061\062
\067\132\060\063\061\013\060\011\006\003\125\004\006\023\002\120
\124\061\015\060\013\006\003\125\004\012\014\004\123\103\105\105
\061\025\060\023\006\003\125\004\003\014\014\105\103\122\141\151
\172\105\163\164\141\144\157\060\202\002\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060
\202\002\012\002\202\002\001\000\333\357\242\103\156\310\251\375
\156\327\337\254\242\222\204\241\310\131\240\014\232\123\376\357
\256\314\031\015\162\212\244\302\063\043\357\347\006\162\352\155
\113\072\101\122\017\311\110\016\055\347\272\144\356\242\072\114
\143\134\146\051\213\337\251\210\305\275\350\361\367\216\113\374
\001\074\104\022\071\052\160\242\300\333\305\242\337\137\307\113
\306\250\334\075\141\174\112\130\301\104\062\223\336\160\231\241
\043\046\126\077\243\341\352\137\060\106\330\170\365\060\243\226
\011\211\260\075\361\206\223\005\266\022\152\030\215\360\245\144
\073\053\207\144\136\075\027\216\013\156\346\230\314\227\070\070
\040\214\160\132\151\053\275\145\215\315\067\131\134\154\321\162
\164\131\006\116\310\267\001\327\167\277\360\110\206\250\263\032
\135\101\324\067\027\021\020\137\112\156\215\165\305\003\100\175
\041\256\000\360\333\374\237\154\072\146\244\337\367\312\337\200
\146\132\331\330\177\024\242\046\031\364\256\013\041\340\312\076
\005\335\026\330\176\131\332\241\260\151\303\235\064\023\372\145
\111\071\207\356\166\057\215\275\074\047\031\003\116\255\016\013
\053\054\306\056\161\023\065\051\127\351\160\334\033\121\352\315
\227\361\225\215\262\206\372\046\006\057\200\032\225\361\230\073
\356\366\345\206\245\316\033\001\345\364\351\063\312\017\125\104
\137\150\212\054\307\133\146\050\335\226\113\203\235\136\035\176
\030\325\376\262\140\373\232\121\150\303\226\214\037\150\113\120
\122\013\066\346\061\047\344\327\051\014\033\332\033\057\341\004
\123\270\324\171\111\260\073\201\136\010\210\042\167\342\051\300
\256\162\252\253\264\162\122\275\154\273\365\272\170\331\234\270

\040\157\060\215\112\235\062\371\364\001\346\142\171\230\102\100
\005\172\157\034\052\077\265\373\337\315\030\100\216\345\020\304
\071\133\126\361\074\127\005\253\322\071\115\077\370\213\043\307
\153\271\100\261\342\376\377\263\034\012\151\037\233\214\017\264
\037\340\012\336\110\375\215\137\217\231\365\001\166\005\066\135
\216\334\063\216\121\156\021\342\101\375\314\267\215\052\137\076
\222\345\362\261\340\244\043\342\242\267\306\215\030\233\051\112
\321\106\177\364\144\040\030\335\002\003\001\000\001\243\177\060
\175\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\006\060\035\006\003\125\035\016\004\026\004\024\161\177\065
\336\365\167\161\155\035\022\234\341\220\244\272\360\251\203\217
\200\060\073\006\003\125\035\040\004\064\060\062\060\060\006\004
\125\035\040\000\060\050\060\046\006\010\053\006\001\005\005\007
\002\001\026\032\150\164\164\160\072\057\057\167\167\167\056\145
\143\145\145\056\147\157\166\056\160\164\057\144\160\143\060\015
\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202\002
\001\000\214\255\234\162\245\265\147\166\147\070\207\351\072\214
\376\235\131\065\276\220\361\003\000\240\130\330\230\321\277\374
\374\363\120\334\264\145\325\332\272\360\214\056\174\015\346\011
\221\137\115\243\366\135\170\234\130\135\152\160\224\243\257\333
\057\000\311\003\100\153\337\121\003\026\031\214\053\274\231\066
\366\300\255\222\030\023\214\247\355\035\322\337\003\220\005\354
\260\223\230\233\367\115\132\023\370\347\233\367\066\166\336\174
\046\370\021\070\117\111\116\263\163\037\137\047\133\341\236\062
\036\366\300\230\033\331\040\054\134\226\215\206\311\013\105\327
\222\255\212\275\352\127\242\243\126\266\040\074\354\262\307\071
\176\260\200\376\275\121\053\052\264\303\162\151\303\371\107\056
\156\377\234\207\355\334\165\313\020\210\340\264\316\056\016\123
\035\013\350\156\036\102\114\320\276\071\170\165\311\024\336\047
\221\163\252\354\152\200\360\360\027\226\142\117\276\004\313\342
\247\345\135\017\223\105\313\131\110\046\023\336\335\261\365\012
\332\026\261\250\035\217\176\130\033\267\325\011\336\210\153\316
\204\076\250\276\122\142\312\322\241\241\307\313\074\026\340\166
\126\060\077\346\017\153\006\167\376\144\235\132\152\163\174\356
\336\041\351\232\111\227\067\266\204\177\242\221\076\105\373\327
\132\006\305\207\065\334\272\110\114\206\001\010\107\066\266\070
\120\225\021\231\163\321\067\111\012\372\102\117\057\020\124\323
\101\220\372\310\334\273\021\334\015\314\175\174\233\334\016\221
\161\206\115\270\362\025\232\053\070\027\021\241\362\236\250\154
\234\343\316\256\342\346\113\213\362\212\006\073\007\167\002\021
\356\203\352\235\146\206\312\360\142\251\325\127\203\244\025\361
\105\024\376\032\165\177\245\017\334\122\164\131\165\012\370\373
\125\101\251\134\215\061\104\335\315\224\116\063\321\033\101\252
\333\327\241\074\360\305\110\155\105\101\065\265\171\203\346\371
\115\361\126\070\327\277\100\042\373\040\200\343\034\302\131\106
\007\143\002\141\000\073\233\120\273\103\303\260\351\012\232\270
\166\364\107\141\125\144\160\117\067\331\234\021\243\023\262\341

\335\100\102\273\230\327\240\006\213\346\150\127\113\016\070\150
\177\272

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "ECRaizEstado"

Issuer: CN=ECRaizEstado,O=SCEE,C=PT

Serial Number:42:ea:5b:0a:51:11:26:7c:d8:27:74:b7:df:7f:71

Subject: CN=ECRaizEstado,O=SCEE,C=PT

Not Valid Before: Fri Jun 23 13:41:27 2006

Not Valid After: Sun Jun 23 13:41:27 2030

Fingerprint (MD5): c2:db:ab:8e:96:52:c5:ee:ae:f2:55:00:89:6d:55:95

Fingerprint (SHA1): 39:13:85:3e:45:c4:39:a2:da:71:8c:df:b6:f3:e0:33:e0:4f:ee:71

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "ECRaizEstado"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\071\023\205\076\105\304\071\242\332\161\214\337\266\363\340\063
\340\117\356\161

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\302\333\253\216\226\122\305\356\256\362\125\000\211\155\125\225
END

CKA_ISSUER MULTILINE_OCTAL

\060\063\061\013\060\011\006\003\125\004\006\023\002\120\124\061
\015\060\013\006\003\125\004\012\014\004\123\103\105\105\061\025
\060\023\006\003\125\004\003\014\014\105\103\122\141\151\172\105
\163\164\141\144\157

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\017\102\352\133\012\121\021\046\174\330\047\164\267\337\177
\161

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Configuration"

Issuer: CN=Posta CA Root,CN=AIA,CN=Public Key

Services,CN=Services,CN=Configuration,DC=ca,DC=posta,DC=rs

Serial Number:48:fc:7e:f5


```
# Subject: CN=Posta CA Root,CN=AIA,CN=Public Key
Services,CN=Services,CN=Configuration,DC=ca,DC=posta,DC=rs
# Not Valid Before: Mon Oct 20 12:22:08 2008
# Not Valid After: Fri Oct 20 12:52:08 2028
# Fingerprint (MD5): 18:02:b0:01:27:03:6a:19:1b:32:3b:83:de:9a:a9:85
# Fingerprint (SHA1): d6:bf:79:94:f4:2b:e5:fa:29:da:0b:d7:58:7b:59:1f:47:a4:4f:22
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Configuration"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\256\061\022\060\020\006\012\011\222\046\211\223\362\054
\144\001\031\026\002\162\163\061\025\060\023\006\012\011\222\046
\211\223\362\054\144\001\031\026\005\160\157\163\164\141\061\022
\060\020\006\012\011\222\046\211\223\362\054\144\001\031\026\002
\143\141\061\026\060\024\006\003\125\004\003\023\015\103\157\156
\146\151\147\165\162\141\164\151\157\156\061\021\060\017\006\003
\125\004\003\023\010\123\145\162\166\151\143\145\163\061\034\060
\032\006\003\125\004\003\023\023\120\165\142\154\151\143\040\113
\145\171\040\123\145\162\166\151\143\145\163\061\014\060\012\006
\003\125\004\003\023\003\101\111\101\061\026\060\024\006\003\125
\004\003\023\015\120\157\163\164\141\040\103\101\040\122\157\157
\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\022\060\020\006\012\011\222\046\211\223\362\054
\144\001\031\026\002\162\163\061\025\060\023\006\012\011\222\046
\211\223\362\054\144\001\031\026\005\160\157\163\164\141\061\022
\060\020\006\012\011\222\046\211\223\362\054\144\001\031\026\002
\143\141\061\026\060\024\006\003\125\004\003\023\015\103\157\156
\146\151\147\165\162\141\164\151\157\156\061\021\060\017\006\003
\125\004\003\023\010\123\145\162\166\151\143\145\163\061\034\060
\032\006\003\125\004\003\023\023\120\165\142\154\151\143\040\113
\145\171\040\123\145\162\166\151\143\145\163\061\014\060\012\006
\003\125\004\003\023\003\101\111\101\061\026\060\024\006\003\125
\004\003\023\015\120\157\163\164\141\040\103\101\040\122\157\157
\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\110\374\176\365
END
CKA_VALUE MULTILINE_OCTAL
\060\202\007\037\060\202\006\007\240\003\002\001\002\002\004\110
\374\176\365\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\201\256\061\022\060\020\006\012\011\222\046\211\223
```

\362\054\144\001\031\026\002\162\163\061\025\060\023\006\012\011
\222\046\211\223\362\054\144\001\031\026\005\160\157\163\164\141
\061\022\060\020\006\012\011\222\046\211\223\362\054\144\001\031
\026\002\143\141\061\026\060\024\006\003\125\004\003\023\015\103
\157\156\146\151\147\165\162\141\164\151\157\156\061\021\060\017
\006\003\125\004\003\023\010\123\145\162\166\151\143\145\163\061
\034\060\032\006\003\125\004\003\023\023\120\165\142\154\151\143
\040\113\145\171\040\123\145\162\166\151\143\145\163\061\014\060
\012\006\003\125\004\003\023\003\101\111\101\061\026\060\024\006
\003\125\004\003\023\015\120\157\163\164\141\040\103\101\040\122
\157\157\164\060\036\027\015\060\070\061\060\062\060\061\062\062
\062\060\070\132\027\015\062\070\061\060\062\060\061\062\065\062
\060\070\132\060\201\256\061\022\060\020\006\012\011\222\046\211
\223\362\054\144\001\031\026\002\162\163\061\025\060\023\006\012
\011\222\046\211\223\362\054\144\001\031\026\005\160\157\163\164
\141\061\022\060\020\006\012\011\222\046\211\223\362\054\144\001
\031\026\002\143\141\061\026\060\024\006\003\125\004\003\023\015
\103\157\156\146\151\147\165\162\141\164\151\157\156\061\021\060
\017\006\003\125\004\003\023\010\123\145\162\166\151\143\145\163
\061\034\060\032\006\003\125\004\003\023\023\120\165\142\154\151
\143\040\113\145\171\040\123\145\162\166\151\143\145\163\061\014
\060\012\006\003\125\004\003\023\003\101\111\101\061\026\060\024
\006\003\125\004\003\023\015\120\157\163\164\141\040\103\101\040
\122\157\157\164\060\202\001\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012
\002\202\001\001\000\250\362\275\210\276\300\257\104\276\233\112
\242\143\034\326\126\253\035\051\262\034\252\025\036\105\321\254
\235\240\141\325\065\371\344\132\203\066\143\103\336\070\127\025
\374\360\224\142\364\007\200\127\203\127\250\263\025\274\373\115
\043\170\137\332\366\307\201\026\276\253\337\347\334\203\123\163
\053\266\335\143\210\215\105\363\015\335\175\277\350\210\260\146
\301\103\135\067\322\155\241\234\232\106\303\263\077\320\302\240
\212\224\056\203\246\074\303\140\275\054\314\036\213\143\202\166
\101\050\344\025\153\134\014\141\071\125\070\101\312\310\146\350
\307\270\227\122\020\046\160\267\007\267\011\036\246\023\136\256
\231\132\046\157\144\075\354\304\323\245\271\134\166\144\255\143
\175\210\203\342\113\314\015\336\324\306\323\010\102\365\133\027
\365\161\341\221\055\003\237\236\034\334\213\162\244\350\107\144
\020\207\144\060\163\330\362\264\361\127\046\223\127\313\266\307
\015\210\213\035\317\005\060\135\004\326\166\067\350\040\062\127
\277\017\234\063\306\010\214\366\264\302\251\006\260\133\060\241
\036\055\022\272\077\002\003\001\000\001\243\202\003\101\060\202
\003\075\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\201\272\006\003\125\035\040\004\201\262\060\201
\257\060\201\254\006\013\053\006\001\004\001\372\070\012\012\001
\001\060\201\234\060\060\006\010\053\006\001\005\005\007\002\001
\026\044\150\164\164\160\072\057\057\167\167\167\056\143\141\056

\160\157\163\164\141\056\162\163\057\144\157\153\165\155\145\156
\164\141\143\151\152\141\060\150\006\010\053\006\001\005\005\007
\002\002\060\134\032\132\117\166\157\040\152\145\040\145\154\145
\153\164\162\157\156\163\153\151\040\163\145\162\164\151\146\151
\153\141\164\040\122\117\117\124\040\103\101\040\163\145\162\166
\145\162\141\040\123\145\162\164\151\146\151\153\141\143\151\157
\156\157\147\040\164\145\154\141\040\120\157\163\164\145\072\040
\042\120\157\163\164\141\040\103\101\040\122\157\157\164\042\056
\060\021\006\011\140\206\110\001\206\370\102\001\001\004\004\003
\002\000\007\060\202\001\274\006\003\125\035\037\004\202\001\263
\060\202\001\257\060\201\311\240\201\306\240\201\303\244\201\300
\060\201\275\061\022\060\020\006\012\011\222\046\211\223\362\054
\144\001\031\026\002\162\163\061\025\060\023\006\012\011\222\046
\211\223\362\054\144\001\031\026\005\160\157\163\164\141\061\022
\060\020\006\012\011\222\046\211\223\362\054\144\001\031\026\002
\143\141\061\026\060\024\006\003\125\004\003\023\015\103\157\156
\146\151\147\165\162\141\164\151\157\156\061\021\060\017\006\003
\125\004\003\023\010\123\145\162\166\151\143\145\163\061\034\060
\032\006\003\125\004\003\023\023\120\165\142\154\151\143\040\113
\145\171\040\123\145\162\166\151\143\145\163\061\014\060\012\006
\003\125\004\003\023\003\101\111\101\061\026\060\024\006\003\125
\004\003\023\015\120\157\163\164\141\040\103\101\040\122\157\157
\164\061\015\060\013\006\003\125\004\003\023\004\103\122\114\061
\060\201\340\240\201\335\240\201\332\206\201\243\154\144\141\160
\072\057\057\154\144\141\160\056\143\141\056\160\157\163\164\141
\056\162\163\057\143\156\075\120\157\163\164\141\045\062\060\103
\101\045\062\060\122\157\157\164\054\143\156\075\101\111\101\054
\143\156\075\120\165\142\154\151\143\045\062\060\113\145\171\045
\062\060\123\145\162\166\151\143\145\163\054\143\156\075\123\145
\162\166\151\143\145\163\054\143\156\075\103\157\156\146\151\147
\165\162\141\164\151\157\156\054\144\143\075\143\141\054\144\143
\075\160\157\163\164\141\054\144\143\075\162\163\077\143\145\162
\164\151\146\151\143\141\164\145\122\145\166\157\143\141\164\151
\157\156\114\151\163\164\045\063\102\142\151\156\141\162\171\206
\062\150\164\164\160\072\057\057\163\145\162\164\151\146\151\153
\141\164\151\056\143\141\056\160\157\163\164\141\056\162\163\057
\143\162\154\057\120\157\163\164\141\103\101\122\157\157\164\056
\143\162\154\060\053\006\003\125\035\020\004\044\060\042\200\017
\062\060\060\070\061\060\062\060\061\062\062\062\060\070\132\201
\017\062\060\062\070\061\060\062\060\061\062\065\062\060\070\132
\060\037\006\003\125\035\043\004\030\060\026\200\024\362\313\215
\342\065\357\020\103\304\332\173\312\372\353\211\003\241\042\257
\270\060\035\006\003\125\035\016\004\026\004\024\362\313\215\342
\065\357\020\103\304\332\173\312\372\353\211\003\241\042\257\270
\060\035\006\011\052\206\110\206\366\175\007\101\000\004\020\060
\016\033\010\126\067\056\061\072\064\056\060\003\002\004\220\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202
\001\001\000\160\106\241\310\344\027\005\146\017\235\342\103\061

```
\110\035\222\220\031\304\205\001\205\026\156\370\222\316\173\256
\122\026\304\227\215\012\050\175\325\313\154\343\325\345\016\062
\117\310\150\055\064\010\075\163\250\223\102\051\063\106\014\104
\147\361\320\232\234\151\001\345\221\361\015\311\151\074\063\113
\116\031\223\143\063\005\051\041\241\330\377\076\124\253\236\366
\241\172\002\327\334\377\245\076\124\170\371\323\301\312\022\225
\371\211\236\024\342\362\241\104\262\313\351\055\165\065\314\226
\125\273\070\013\210\046\332\326\254\357\323\122\242\013\113\072
\123\332\113\042\123\314\312\052\044\232\142\252\304\062\232\176
\334\314\301\262\154\315\217\331\264\300\317\365\002\300\214\053
\204\133\033\100\274\020\320\120\341\141\326\146\126\232\004\221
\245\343\325\275\240\056\042\201\261\331\070\332\344\250\207\137
\074\106\004\226\336\311\232\073\277\255\170\154\035\111\111\264
\151\271\160\017\005\222\126\266\375\257\256\370\040\055\107\043
\317\266\034\315\304\233\200\116\371\277\061\300\124\276\273\061
\177\363\076
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Configuration"

Issuer: CN=Posta CA Root,CN=AIA,CN=Public Key

Services,CN=Services,CN=Configuration,DC=ca,DC=posta,DC=rs

Serial Number:48:fc:7e:f5

Subject: CN=Posta CA Root,CN=AIA,CN=Public Key

Services,CN=Services,CN=Configuration,DC=ca,DC=posta,DC=rs

Not Valid Before: Mon Oct 20 12:22:08 2008

Not Valid After: Fri Oct 20 12:52:08 2028

Fingerprint (MD5): 18:02:b0:01:27:03:6a:19:1b:32:3b:83:de:9a:a9:85

Fingerprint (SHA1): d6:bf:79:94:f4:2b:e5:fa:29:da:0b:d7:58:7b:59:1f:47:a4:4f:22

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Configuration"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\326\277\171\224\364\053\345\372\051\332\013\327\130\173\131\037
\107\244\117\042
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\030\002\260\001\047\003\152\031\033\062\073\203\336\232\251\205
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\256\061\022\060\020\006\012\011\222\046\211\223\362\054
\144\001\031\026\002\162\163\061\025\060\023\006\012\011\222\046
\211\223\362\054\144\001\031\026\005\160\157\163\164\141\061\022
```

```
\060\020\006\012\011\222\046\211\223\362\054\144\001\031\026\002
\143\141\061\026\060\024\006\003\125\004\003\023\015\103\157\156
\146\151\147\165\162\141\164\151\157\156\061\021\060\017\006\003
\125\004\003\023\010\123\145\162\166\151\143\145\163\061\034\060
\032\006\003\125\004\003\023\023\120\165\142\154\151\143\040\113
\145\171\040\123\145\162\166\151\143\145\163\061\014\060\012\006
\003\125\004\003\023\003\101\111\101\061\026\060\024\006\003\125
\004\003\023\015\120\157\163\164\141\040\103\101\040\122\157\157
\164
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\004\110\374\176\365
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "FNMT-RCM"

Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

Serial Number:81:bb:dd:6b:24:1f:da:b4:be:8f:1b:da:08:55:c4

Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

Not Valid Before: Wed Oct 29 15:59:55 2008

Not Valid After: Tue Jan 01 00:00:00 2030

Fingerprint (MD5): 0c:5a:dd:5a:ae:29:f7:a7:76:79:fa:41:51:fe:f0:35

Fingerprint (SHA1): b8:65:13:0b:ed:ca:38:d2:7f:69:92:94:20:77:0b:ed:86:ef:bc:10

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "FNMT-RCM"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\000\201\273\335\153\044\037\332\264\276\217\033\332\010
```

\125\304

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\204\060\202\003\154\240\003\002\001\002\002\020\000
\201\273\335\153\044\037\332\264\276\217\033\332\010\125\304\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\073
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\021\060
\017\006\003\125\004\012\014\010\106\116\115\124\055\122\103\115
\061\031\060\027\006\003\125\004\013\014\020\101\103\040\122\101
\111\132\040\106\116\115\124\055\122\103\115\060\036\027\015\060
\070\061\060\062\071\061\065\065\071\065\065\132\027\015\063\060
\060\061\060\061\060\060\060\060\060\060\132\060\073\061\013\060
\011\006\003\125\004\006\023\002\105\123\061\021\060\017\006\003
\125\004\012\014\010\106\116\115\124\055\122\103\115\061\031\060
\027\006\003\125\004\013\014\020\101\103\040\122\101\111\132\040
\106\116\115\124\055\122\103\115\060\202\002\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000
\060\202\002\012\002\202\002\001\000\272\161\200\172\114\206\156
\177\310\023\155\300\306\175\034\000\227\217\054\014\043\273\020
\232\100\251\032\267\207\210\370\233\126\152\373\346\173\216\213
\222\216\247\045\135\131\021\333\066\056\267\121\027\037\251\010
\037\004\027\044\130\252\067\112\030\337\345\071\324\127\375\327
\301\054\221\001\221\342\042\324\003\300\130\374\167\107\354\217
\076\164\103\272\254\064\215\115\070\166\147\216\260\310\157\060
\063\130\161\134\264\365\153\156\324\001\120\270\023\176\154\112
\243\111\321\040\031\356\274\300\051\030\145\247\336\376\357\335
\012\220\041\347\032\147\222\102\020\230\137\117\060\274\076\034
\105\264\020\327\150\100\024\300\100\372\347\167\027\172\346\013
\217\145\133\074\331\232\122\333\265\275\236\106\317\075\353\221
\005\002\300\226\262\166\114\115\020\226\073\222\372\234\177\017
\231\337\276\043\065\105\036\002\134\376\265\250\233\231\045\332
\136\363\042\303\071\365\344\052\056\323\306\037\304\154\252\305
\034\152\001\005\112\057\322\305\301\250\064\046\135\146\245\322
\002\041\371\030\267\006\365\116\231\157\250\253\114\121\350\317
\120\030\305\167\310\071\011\054\111\222\062\231\250\273\027\027
\171\260\132\305\346\243\304\131\145\107\065\203\136\251\350\065
\013\231\273\344\315\040\306\233\112\006\071\265\150\374\042\272
\356\125\214\053\116\352\363\261\343\374\266\231\232\325\102\372
\161\115\010\317\207\036\152\161\175\371\323\264\351\245\161\201
\173\302\116\107\226\245\366\166\205\243\050\217\351\200\156\201
\123\245\155\137\270\110\371\302\371\066\246\056\111\377\270\226
\302\214\007\263\233\210\130\374\353\033\034\336\055\160\342\227
\222\060\241\211\343\274\125\250\047\326\113\355\220\255\213\372
\143\045\131\055\250\065\335\312\227\063\274\345\315\307\235\321
\354\357\136\016\112\220\006\046\143\255\271\331\065\055\007\272
\166\145\054\254\127\217\175\364\007\224\327\201\002\226\135\243
\007\111\325\172\320\127\371\033\347\123\106\165\252\260\171\102
\313\150\161\010\351\140\275\071\151\316\364\257\303\126\100\307

\255\122\242\011\344\157\206\107\212\037\353\050\047\135\203\040
\257\004\311\154\126\232\213\106\365\002\003\001\000\001\243\201
\203\060\201\200\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024
\367\175\305\375\304\350\232\033\167\144\247\365\035\240\314\277
\207\140\232\155\060\076\006\003\125\035\040\004\067\060\065\060
\063\006\004\125\035\040\000\060\053\060\051\006\010\053\006\001
\005\005\007\002\001\026\035\150\164\164\160\072\057\057\167\167
\167\056\143\145\162\164\056\146\156\155\164\056\145\163\057\144
\160\143\163\057\060\015\006\011\052\206\110\206\367\015\001\001
\005\005\000\003\202\002\001\000\166\271\046\327\274\140\174\073
\303\307\204\121\222\131\171\266\215\277\123\340\274\210\240\265
\331\114\351\255\365\146\116\357\240\140\310\013\270\221\355\063
\216\202\361\206\225\376\306\323\032\211\253\117\073\331\063\037
\320\013\307\261\365\117\244\113\273\003\014\043\134\154\260\336
\254\162\372\151\336\000\020\315\361\326\317\066\122\276\177\374
\046\101\363\362\374\060\342\061\306\333\020\076\251\164\272\117
\354\355\040\231\311\260\342\242\243\251\102\231\063\313\177\367
\252\002\351\044\226\052\370\344\316\135\101\240\006\011\125\132
\332\337\032\117\353\071\374\137\340\251\251\104\327\030\352\225
\261\104\173\332\352\070\011\164\036\147\050\077\340\213\071\054
\123\372\014\340\071\367\053\032\016\061\001\324\146\171\210\164
\235\110\110\216\264\223\141\346\277\051\011\357\276\006\251\032
\154\010\160\004\012\277\156\011\166\244\144\103\316\037\127\235
\227\236\154\370\164\027\034\121\003\372\140\123\324\126\106\226
\320\120\237\306\235\063\363\103\261\250\327\242\311\260\311\203
\261\175\307\334\254\201\166\327\211\355\103\046\326\377\242\134
\242\055\240\044\107\252\106\232\151\061\011\301\375\020\171\260
\205\354\160\040\346\075\101\124\242\112\142\057\326\336\114\303
\234\217\275\313\246\125\224\034\335\275\101\317\050\145\215\320
\115\327\207\321\114\323\103\163\041\354\327\056\027\147\062\207
\266\320\033\164\252\151\307\344\154\207\327\175\031\232\354\075
\104\361\252\202\131\162\315\105\333\332\146\102\341\070\154\066
\137\124\335\046\126\127\242\331\076\244\012\362\357\374\031\200
\037\333\272\252\200\274\330\121\315\124\152\325\177\330\157\265
\334\026\373\100\342\125\124\220\303\335\207\063\321\377\036\245
\142\213\066\104\254\250\277\300\326\304\224\167\263\275\304\165
\044\151\351\377\071\224\253\374\121\147\044\352\100\036\353\211
\055\023\006\175\256\007\241\303\014\365\324\132\262\116\267\041
\035\027\305\345\271\362\037\343\206\001\135\013\006\171\135\311
\312\077\026\176\201\036\115\176\360\232\074\045\305\316\164\171
\236\112\341\361\351\365\045\106\366\304\336\344\104\144\163\035
\306\071\076\172\346\205\173\030

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Trust for "FNMT-RCM"
# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Serial Number:81:bb:dd:6b:24:1f:da:b4:be:8f:1b:da:08:55:c4
# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Not Valid Before: Wed Oct 29 15:59:55 2008
# Not Valid After: Tue Jan 01 00:00:00 2030
# Fingerprint (MD5): 0c:5a:dd:5a:ae:29:f7:a7:76:79:fa:41:51:fe:f0:35
# Fingerprint (SHA1): b8:65:13:0b:ed:ca:38:d2:7f:69:92:94:20:77:0b:ed:86:ef:bc:10
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "FNMT-RCM"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\270\145\023\013\355\312\070\322\177\151\222\224\040\167\013\355
\206\357\274\020
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\014\132\335\132\256\051\367\247\166\171\372\101\121\376\360\065
END
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\201\273\335\153\044\037\332\264\276\217\033\332\010
\125\304
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "StartCom Certification Authority"
# Issuer: CN=StartCom Certification Authority,OU=Secure Digital Certificate Signing,O=StartCom Ltd.,C=IL
# Serial Number: 1 (0x1)
# Subject: CN=StartCom Certification Authority,OU=Secure Digital Certificate Signing,O=StartCom Ltd.,C=IL
# Not Valid Before: Sun Sep 17 19:46:36 2006
# Not Valid After: Wed Sep 17 19:46:36 2036
# Fingerprint (MD5): 22:4d:8f:8a:fc:f7:35:c2:bb:57:34:90:7b:8b:22:16
# Fingerprint (SHA1): 3e:2b:f7:f2:03:1b:96:f3:8c:e6:c4:d8:a8:5d:3e:2d:58:47:6a:0f
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
```



```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "StartCom Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\175\061\013\060\011\006\003\125\004\006\023\002\111\114\061
\026\060\024\006\003\125\004\012\023\015\123\164\141\162\164\103
\157\155\040\114\164\144\056\061\053\060\051\006\003\125\004\013
\023\042\123\145\143\165\162\145\040\104\151\147\151\164\141\154
\040\103\145\162\164\151\146\151\143\141\164\145\040\123\151\147
\156\151\156\147\061\051\060\047\006\003\125\004\003\023\040\123
\164\141\162\164\103\157\155\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\175\061\013\060\011\006\003\125\004\006\023\002\111\114\061
\026\060\024\006\003\125\004\012\023\015\123\164\141\162\164\103
\157\155\040\114\164\144\056\061\053\060\051\006\003\125\004\013
\023\042\123\145\143\165\162\145\040\104\151\147\151\164\141\154
\040\103\145\162\164\151\146\151\143\141\164\145\040\123\151\147
\156\151\156\147\061\051\060\047\006\003\125\004\003\023\040\123
\164\141\162\164\103\157\155\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\007\311\060\202\005\261\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\175\061\013\060\011\006\003\125\004\006\023\002\111\114\061\026
\060\024\006\003\125\004\012\023\015\123\164\141\162\164\103\157
\155\040\114\164\144\056\061\053\060\051\006\003\125\004\013\023
\042\123\145\143\165\162\145\040\104\151\147\151\164\141\154\040
\103\145\162\164\151\146\151\143\141\164\145\040\123\151\147\156
\151\156\147\061\051\060\047\006\003\125\004\003\023\040\123\164
\141\162\164\103\157\155\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036
\027\015\060\066\060\071\061\067\061\071\064\066\063\066\132\027
\015\063\066\060\071\061\067\061\071\064\066\063\066\132\060\175
\061\013\060\011\006\003\125\004\006\023\002\111\114\061\026\060
\024\006\003\125\004\012\023\015\123\164\141\162\164\103\157\155
\040\114\164\144\056\061\053\060\051\006\003\125\004\013\023\042
\123\145\143\165\162\145\040\104\151\147\151\164\141\154\040\103
\145\162\164\151\146\151\143\141\164\145\040\123\151\147\156\151
\156\147\061\051\060\047\006\003\125\004\003\023\040\123\164\141
\162\164\103\157\155\040\103\145\162\164\151\146\151\143\141\164
```

\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202\002
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\301\210
\333\011\274\154\106\174\170\237\225\173\265\063\220\362\162\142
\326\301\066\040\042\044\136\316\351\167\362\103\012\242\006\144
\244\314\216\066\370\070\346\043\360\156\155\261\074\335\162\243
\205\034\241\323\075\264\063\053\323\057\257\376\352\260\101\131
\147\266\304\006\175\012\236\164\205\326\171\114\200\067\172\337
\071\005\122\131\367\364\033\106\103\244\322\205\205\322\303\161
\363\165\142\064\272\054\212\177\036\217\356\355\064\320\021\307
\226\315\122\075\272\063\326\335\115\336\013\073\112\113\237\302
\046\057\372\265\026\034\162\065\167\312\074\135\346\312\341\046
\213\032\066\166\134\001\333\164\024\045\376\355\265\240\210\017
\335\170\312\055\037\007\227\060\001\055\162\171\372\106\326\023
\052\250\271\246\253\203\111\035\345\362\357\335\344\001\216\030
\012\217\143\123\026\205\142\251\016\031\072\314\265\146\246\302
\153\164\007\344\053\341\166\076\264\155\330\366\104\341\163\142
\037\073\304\276\240\123\126\045\154\121\011\367\252\253\312\277
\166\375\155\233\363\235\333\277\075\146\274\014\126\252\257\230
\110\225\072\113\337\247\130\120\331\070\165\251\133\352\103\014
\002\377\231\353\350\154\115\160\133\051\145\234\335\252\135\314
\257\001\061\354\014\353\322\215\350\352\234\173\346\156\367\047
\146\014\032\110\327\156\102\343\077\336\041\076\173\341\015\160
\373\143\252\250\154\032\124\264\134\045\172\311\242\311\213\026
\246\273\054\176\027\136\005\115\130\156\022\035\001\356\022\020
\015\306\062\177\030\377\374\364\372\315\156\221\350\066\111\276
\032\110\151\213\302\226\115\032\022\262\151\027\301\012\220\326
\372\171\042\110\277\272\173\151\370\160\307\372\172\067\330\330
\015\322\166\117\127\377\220\267\343\221\322\335\357\302\140\267
\147\072\335\376\252\234\360\324\213\177\162\042\316\306\237\227
\266\370\257\212\240\020\250\331\373\030\306\266\265\134\122\074
\211\266\031\052\163\001\012\017\003\263\022\140\362\172\057\201
\333\243\156\377\046\060\227\365\213\335\211\127\266\255\075\263
\257\053\305\267\166\002\360\245\326\053\232\206\024\052\162\366
\343\063\214\135\011\113\023\337\273\214\164\023\122\113\002\003
\001\000\001\243\202\002\122\060\202\002\116\060\014\006\003\125
\035\023\004\005\060\003\001\001\377\060\013\006\003\125\035\017
\004\004\003\002\001\256\060\035\006\003\125\035\016\004\026\004
\024\116\013\357\032\244\100\133\245\027\151\207\060\312\064\150
\103\320\101\256\362\060\144\006\003\125\035\037\004\135\060\133
\060\054\240\052\240\050\206\046\150\164\164\160\072\057\057\143
\145\162\164\056\163\164\141\162\164\143\157\155\056\157\162\147
\057\163\146\163\143\141\055\143\162\154\056\143\162\154\060\053
\240\051\240\047\206\045\150\164\164\160\072\057\057\143\162\154
\056\163\164\141\162\164\143\157\155\056\157\162\147\057\163\146
\163\143\141\055\143\162\154\056\143\162\154\060\202\001\135\006
\003\125\035\040\004\202\001\124\060\202\001\120\060\202\001\114
\006\013\053\006\001\004\001\201\265\067\001\001\001\060\202\001

\073\060\057\006\010\053\006\001\005\005\007\002\001\026\043\150
\164\164\160\072\057\057\143\145\162\164\056\163\164\141\162\164
\143\157\155\056\157\162\147\057\160\157\154\151\143\171\056\160
\144\146\060\065\006\010\053\006\001\005\005\007\002\001\026\051
\150\164\164\160\072\057\057\143\145\162\164\056\163\164\141\162
\164\143\157\155\056\157\162\147\057\151\156\164\145\162\155\145
\144\151\141\164\145\056\160\144\146\060\201\320\006\010\053\006
\001\005\005\007\002\002\060\201\303\060\047\026\040\123\164\141
\162\164\040\103\157\155\155\145\162\143\151\141\154\040\050\123
\164\141\162\164\103\157\155\051\040\114\164\144\056\060\003\002
\001\001\032\201\227\114\151\155\151\164\145\144\040\114\151\141
\142\151\154\151\164\171\054\040\162\145\141\144\040\164\150\145
\040\163\145\143\164\151\157\156\040\052\114\145\147\141\154\040
\114\151\155\151\164\141\164\151\157\156\163\052\040\157\146\040
\164\150\145\040\123\164\141\162\164\103\157\155\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\040\120\157\154\151\143\171\040\141\166\141\151
\154\141\142\154\145\040\141\164\040\150\164\164\160\072\057\057
\143\145\162\164\056\163\164\141\162\164\143\157\155\056\157\162
\147\057\160\157\154\151\143\171\056\160\144\146\060\021\006\011
\140\206\110\001\206\370\102\001\001\004\004\003\002\000\007\060
\070\006\011\140\206\110\001\206\370\102\001\015\004\053\026\051
\123\164\141\162\164\103\157\155\040\106\162\145\145\040\123\123
\114\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\101\165\164\150\157\162\151\164\171\060\015\006\011\052\206\110
\206\367\015\001\001\005\005\000\003\202\002\001\000\026\154\231
\364\146\014\064\365\320\205\136\175\012\354\332\020\116\070\034
\136\337\246\045\005\113\221\062\301\350\073\361\075\335\104\011
\133\007\111\212\051\313\146\002\267\261\232\367\045\230\011\074
\216\033\341\335\066\207\053\113\273\150\323\071\146\075\240\046
\307\362\071\221\035\121\253\202\173\176\325\316\132\344\342\003
\127\160\151\227\010\371\136\130\246\012\337\214\006\232\105\026
\026\070\012\136\127\366\142\307\172\002\005\346\274\036\265\362
\236\364\251\051\203\370\262\024\343\156\050\207\104\303\220\032
\336\070\251\074\254\103\115\144\105\316\335\050\251\134\362\163
\173\004\370\027\350\253\261\363\056\134\144\156\163\061\072\022
\270\274\263\021\344\175\217\201\121\232\073\215\211\364\115\223
\146\173\074\003\355\323\232\035\232\363\145\120\365\240\320\165
\237\057\257\360\352\202\103\230\370\151\234\211\171\304\103\216
\106\162\343\144\066\022\257\367\045\036\070\211\220\167\176\303
\153\152\271\303\313\104\113\254\170\220\213\347\307\054\036\113
\021\104\310\064\122\047\315\012\135\237\205\301\211\325\032\170
\362\225\020\123\062\335\200\204\146\165\331\265\150\050\373\141
\056\276\204\250\070\300\231\022\206\245\036\147\144\255\006\056
\057\251\160\205\307\226\017\174\211\145\365\216\103\124\016\253
\335\245\200\071\224\140\300\064\311\226\160\054\243\022\365\037
\110\173\275\034\176\153\267\235\220\364\042\073\256\370\374\052
\312\372\202\122\240\357\257\113\125\223\353\301\265\360\042\213

```
\254\064\116\046\042\004\241\207\054\165\112\267\345\175\023\327
\270\014\144\300\066\322\311\057\206\022\214\043\011\301\033\202
\073\163\111\243\152\127\207\224\345\326\170\305\231\103\143\343
\115\340\167\055\341\145\231\162\151\004\032\107\011\346\017\001
\126\044\373\037\277\016\171\251\130\056\271\304\011\001\176\225
\272\155\000\006\076\262\352\112\020\071\330\320\053\365\277\354
\165\277\227\002\305\011\033\010\334\125\067\342\201\373\067\204
\103\142\040\312\347\126\113\145\352\376\154\301\044\223\044\241
\064\353\005\377\232\042\256\233\175\077\361\145\121\012\246\060
\152\263\364\210\034\200\015\374\162\212\350\203\136
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "StartCom Certification Authority"

Issuer: CN=StartCom Certification Authority,OU=Secure Digital Certificate Signing,O=StartCom Ltd.,C=IL

Serial Number: 1 (0x1)

Subject: CN=StartCom Certification Authority,OU=Secure Digital Certificate Signing,O=StartCom Ltd.,C=IL

Not Valid Before: Sun Sep 17 19:46:36 2006

Not Valid After: Wed Sep 17 19:46:36 2036

Fingerprint (MD5): 22:4d:8f:8a:fc:f7:35:c2:bb:57:34:90:7b:8b:22:16

Fingerprint (SHA1): 3e:2b:f7:f2:03:1b:96:f3:8c:e6:c4:d8:a8:5d:3e:2d:58:47:6a:0f

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "StartCom Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\076\053\367\362\003\033\226\363\214\346\304\330\250\135\076\055
\130\107\152\017
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\042\115\217\212\374\367\065\302\273\127\064\220\173\213\042\026
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\175\061\013\060\011\006\003\125\004\006\023\002\111\114\061
\026\060\024\006\003\125\004\012\023\015\123\164\141\162\164\103
\157\155\040\114\164\144\056\061\053\060\051\006\003\125\004\013
\023\042\123\145\143\165\162\145\040\104\151\147\151\164\141\154
\040\103\145\162\164\151\146\151\143\141\164\145\040\123\151\147
\156\151\156\147\061\051\060\047\006\003\125\004\003\023\040\123
\164\141\162\164\103\157\155\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\001
```

```
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Certificate "VeriSign Class 3 Public Primary Certification Authority - G4"
```

```
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU=(c) 2007 VeriSign\, Inc. - For
authorized use only,OU=VeriSign Trust Network,O=VeriSign\, Inc.,C=US
```

```
# Serial Number:2f:80:fe:23:8c:0e:22:0f:48:67:12:28:91:87:ac:b3
```

```
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU=(c) 2007 VeriSign\, Inc. - For
authorized use only,OU=VeriSign Trust Network,O=VeriSign\, Inc.,C=US
```

```
# Not Valid Before: Mon Nov 05 00:00:00 2007
```

```
# Not Valid After: Mon Jan 18 23:59:59 2038
```

```
# Fingerprint (MD5): 3a:52:e1:e7:fd:6f:3a:e3:6f:f3:6f:99:1b:f9:22:41
```

```
# Fingerprint (SHA1): 22:d5:d8:df:8f:02:31:d1:8d:f7:9d:b7:cf:8a:2d:64:c9:3f:6c:3a
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "VeriSign Class 3 Public Primary Certification Authority - G4"
```

```
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

```
CKA_SUBJECT MULTILINE_OCTAL
```

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\067\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\064
```

```
END
```

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\067\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
```

\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\057\200\376\043\214\016\042\017\110\147\022\050\221\207
\254\263

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\204\060\202\003\012\240\003\002\001\002\002\020\057
\200\376\043\214\016\042\017\110\147\022\050\221\207\254\263\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\312\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006
\003\125\004\012\023\016\126\145\162\151\123\151\147\156\054\040
\111\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126
\145\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145
\164\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061
\050\143\051\040\062\060\060\067\040\126\145\162\151\123\151\147
\156\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\105\060\103\006\003\125\004\003\023\074\126\145\162\151
\123\151\147\156\040\103\154\141\163\163\040\063\040\120\165\142
\154\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\040\055\040\107\064\060\036\027\015\060\067\061\061
\060\065\060\060\060\060\060\060\132\027\015\063\070\060\061\061
\070\062\063\065\071\065\071\132\060\201\312\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\027\060\025\006\003\125\004
\012\023\016\126\145\162\151\123\151\147\156\054\040\111\156\143
\056\061\037\060\035\006\003\125\004\013\023\026\126\145\162\151
\123\151\147\156\040\124\162\165\163\164\040\116\145\164\167\157
\162\153\061\072\060\070\006\003\125\004\013\023\061\050\143\051
\040\062\060\060\067\040\126\145\162\151\123\151\147\156\054\040
\111\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157
\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061\105
\060\103\006\003\125\004\003\023\074\126\145\162\151\123\151\147
\156\040\103\154\141\163\163\040\063\040\120\165\142\154\151\143
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\055\040\107\064\060\166\060\020\006\007\052\206\110\316\075
\002\001\006\005\053\201\004\000\042\003\142\000\004\247\126\172
\174\122\332\144\233\016\055\134\330\136\254\222\075\376\001\346
\031\112\075\024\003\113\372\140\047\040\331\203\211\151\372\124
\306\232\030\136\125\052\144\336\006\366\215\112\073\255\020\074
\145\075\220\210\004\211\340\060\141\263\256\135\001\247\173\336
\174\262\276\312\145\141\000\206\256\332\217\173\320\211\255\115

```
\035\131\232\101\261\274\107\200\334\236\142\303\371\243\201\262
\060\201\257\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\155\006\010\053\006\001\005\005\007\001\014
\004\141\060\137\241\135\240\133\060\131\060\127\060\125\026\011
\151\155\141\147\145\057\147\151\146\060\041\060\037\060\007\006
\005\053\016\003\002\032\004\024\217\345\323\032\206\254\215\216
\153\303\317\200\152\324\110\030\054\173\031\056\060\045\026\043
\150\164\164\160\072\057\057\154\157\147\157\056\166\145\162\151
\163\151\147\156\056\143\157\155\057\166\163\154\157\147\157\056
\147\151\146\060\035\006\003\125\035\016\004\026\004\024\263\026
\221\375\356\246\156\344\265\056\111\217\207\170\201\200\354\345
\261\265\060\012\006\010\052\206\110\316\075\004\003\003\003\150
\000\060\145\002\060\146\041\014\030\046\140\132\070\173\126\102
\340\247\374\066\204\121\221\040\054\166\115\103\075\304\035\204
\043\320\254\326\174\065\006\316\315\151\275\220\015\333\154\110
\102\035\016\252\102\002\061\000\234\075\110\071\043\071\130\032
\025\022\131\152\236\357\325\131\262\035\122\054\231\161\315\307
\051\337\033\052\141\173\161\321\336\363\300\345\015\072\112\252
\055\247\330\206\052\335\056\020
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "VeriSign Class 3 Public Primary Certification Authority - G4"

Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU=(c) 2007 VeriSign, Inc. - For authorized use only,OU=VeriSign Trust Network,O=VeriSign, Inc.,C=US

Serial Number:2f:80:fe:23:8c:0e:22:0f:48:67:12:28:91:87:ac:b3

Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU=(c) 2007 VeriSign, Inc. - For authorized use only,OU=VeriSign Trust Network,O=VeriSign, Inc.,C=US

Not Valid Before: Mon Nov 05 00:00:00 2007

Not Valid After: Mon Jan 18 23:59:59 2038

Fingerprint (MD5): 3a:52:e1:e7:fd:6f:3a:e3:6f:f3:6f:99:1b:f9:22:41

Fingerprint (SHA1): 22:d5:d8:df:8f:02:31:d1:8d:f7:9d:b7:cf:8a:2d:64:c9:3f:6c:3a

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "VeriSign Class 3 Public Primary Certification Authority - G4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\042\325\330\337\217\002\061\321\215\367\235\267\317\212\055\144
\311\077\154\072
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\072\122\341\347\375\157\072\343\157\363\157\231\033\371\042\101
```

END

CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\067\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\057\200\376\043\214\016\042\017\110\147\022\050\221\207
\254\263

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "thawte Primary Root CA - G2"

Issuer: CN=thawte Primary Root CA - G2,OU=(c) 2007 thawte\, Inc. - For authorized use only,O=thawte\, Inc.,C=US

Serial Number:35:fc:26:5c:d9:84:4f:c9:3d:26:3d:57:9b:ae:d7:56

Subject: CN=thawte Primary Root CA - G2,OU=(c) 2007 thawte\, Inc. - For authorized use only,O=thawte\, Inc.,C=US

Not Valid Before: Mon Nov 05 00:00:00 2007

Not Valid After: Mon Jan 18 23:59:59 2038

Fingerprint (MD5): 74:9d:ea:60:24:c4:fd:22:53:3e:cc:3a:72:d9:29:4f

Fingerprint (SHA1): aa:db:bc:22:23:8f:c4:01:a1:27:bb:38:dd:f4:1d:db:08:9e:f0:12

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "thawte Primary Root CA - G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\204\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154

\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\204\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\065\374\046\134\331\204\117\311\075\046\075\127\233\256
\327\126

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\210\060\202\002\015\240\003\002\001\002\002\020\065
\374\046\134\331\204\117\311\075\046\075\127\233\256\327\126\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\204\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006
\003\125\004\012\023\014\164\150\141\167\164\145\054\040\111\156
\143\056\061\070\060\066\006\003\125\004\013\023\057\050\143\051
\040\062\060\060\067\040\164\150\141\167\164\145\054\040\111\156
\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151
\172\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042
\006\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162
\151\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040
\107\062\060\036\027\015\060\067\061\061\060\065\060\060\060\060
\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071\065
\071\132\060\201\204\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\025\060\023\006\003\125\004\012\023\014\164\150\141
\167\164\145\054\040\111\156\143\056\061\070\060\066\006\003\125
\004\013\023\057\050\143\051\040\062\060\060\067\040\164\150\141
\167\164\145\054\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\044\060\042\006\003\125\004\003\023\033\164\150
\141\167\164\145\040\120\162\151\155\141\162\171\040\122\157\157
\164\040\103\101\040\055\040\107\062\060\166\060\020\006\007\052
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\242\325\234\202\173\225\235\361\122\170\207\376\212\026\277
\005\346\337\243\002\117\015\007\306\000\121\272\014\002\122\055
\042\244\102\071\304\376\217\352\311\301\276\324\115\377\237\172
\236\342\261\174\232\255\247\206\011\163\207\321\347\232\343\172

```
\245\252\156\373\272\263\160\300\147\210\242\065\324\243\232\261
\375\255\302\357\061\372\250\271\363\373\010\306\221\321\373\051
\225\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004
\024\232\330\000\060\000\347\153\177\205\030\356\213\266\316\212
\014\370\021\341\273\060\012\006\010\052\206\110\316\075\004\003
\003\003\151\000\060\146\002\061\000\335\370\340\127\107\133\247
\346\012\303\275\365\200\212\227\065\015\033\211\074\124\206\167
\050\312\241\364\171\336\265\346\070\260\360\145\160\214\177\002
\124\302\277\377\330\241\076\331\317\002\061\000\304\215\224\374
\334\123\322\334\235\170\026\037\025\063\043\123\122\343\132\061
\135\235\312\256\275\023\051\104\015\047\133\250\347\150\234\022
\367\130\077\056\162\002\127\243\217\241\024\056
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "thawte Primary Root CA - G2"
```

```
# Issuer: CN=thawte Primary Root CA - G2,OU=(c) 2007 thawte\, Inc. - For authorized use only,O=thawte\,
Inc.,C=US
```

```
# Serial Number:35:fc:26:5c:d9:84:4f:c9:3d:26:3d:57:9b:ae:d7:56
```

```
# Subject: CN=thawte Primary Root CA - G2,OU=(c) 2007 thawte\, Inc. - For authorized use only,O=thawte\,
Inc.,C=US
```

```
# Not Valid Before: Mon Nov 05 00:00:00 2007
```

```
# Not Valid After: Mon Jan 18 23:59:59 2038
```

```
# Fingerprint (MD5): 74:9d:ea:60:24:c4:fd:22:53:3e:cc:3a:72:d9:29:4f
```

```
# Fingerprint (SHA1): aa:db:bc:22:23:8f:c4:01:a1:27:bb:38:dd:f4:1d:db:08:9e:f0:12
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "thawte Primary Root CA - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\252\333\274\042\043\217\304\001\241\047\273\070\335\364\035\333
\010\236\360\022
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\164\235\352\140\044\304\375\042\123\076\314\072\162\331\051\117
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\204\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
```

```
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\065\374\046\134\331\204\117\311\075\046\075\127\233\256
\327\126
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Certificate "GeoTrust Primary Certification Authority - G2"

Issuer: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

Serial Number:3c:b2:f4:48:0a:00:e2:fe:eb:24:3b:5e:60:3e:c3:6b

Subject: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

Not Valid Before: Mon Nov 05 00:00:00 2007

Not Valid After: Mon Jan 18 23:59:59 2038

Fingerprint (MD5): 01:5e:d8:6b:bd:6f:3d:8e:a1:31:f8:12:e0:98:73:6a

Fingerprint (SHA1): 8d:17:84:d5:37:f3:03:7d:ec:70:fe:57:8b:51:9a:99:e6:10:d7:b0

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GeoTrust Primary Certification Authority - G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\067\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
```

\013\023\060\050\143\051\040\062\060\060\067\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\074\262\364\110\012\000\342\376\353\044\073\136\140\076
\303\153

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\256\060\202\002\065\240\003\002\001\002\002\020\074
\262\364\110\012\000\342\376\353\044\073\136\140\076\303\153\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\230\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\026\060\024\006
\003\125\004\012\023\015\107\145\157\124\162\165\163\164\040\111
\156\143\056\061\071\060\067\006\003\125\004\013\023\060\050\143
\051\040\062\060\060\067\040\107\145\157\124\162\165\163\164\040
\111\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157
\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061\066
\060\064\006\003\125\004\003\023\055\107\145\157\124\162\165\163
\164\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062\060\036\027\015\060\067\061\061\060\065
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062
\063\065\071\065\071\132\060\201\230\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023
\015\107\145\157\124\162\165\163\164\040\111\156\143\056\061\071
\060\067\006\003\125\004\013\023\060\050\143\051\040\062\060\060
\067\040\107\145\157\124\162\165\163\164\040\111\156\143\056\040
\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145\144
\040\165\163\145\040\157\156\154\171\061\066\060\064\006\003\125
\004\003\023\055\107\145\157\124\162\165\163\164\040\120\162\151
\155\141\162\171\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\025\261\350\375\003\025\103
\345\254\353\207\067\021\142\357\322\203\066\122\175\105\127\013
\112\215\173\124\073\072\156\137\025\002\300\120\246\317\045\057
\175\312\110\270\307\120\143\034\052\041\010\174\232\066\330\013
\376\321\046\305\130\061\060\050\045\363\135\135\243\270\266\245
\264\222\355\154\054\237\353\335\103\211\242\074\113\110\221\035
\120\354\046\337\326\140\056\275\041\243\102\060\100\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035
\006\003\125\035\016\004\026\004\024\025\137\065\127\121\125\373

```
\045\262\255\003\151\374\001\243\372\276\021\125\325\060\012\006
\010\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060
\144\226\131\246\350\011\336\213\272\372\132\210\210\360\037\221
\323\106\250\362\112\114\002\143\373\154\137\070\333\056\101\223
\251\016\346\235\334\061\034\262\240\247\030\034\171\341\307\066
\002\060\072\126\257\232\164\154\366\373\203\340\063\323\010\137
\241\234\302\133\237\106\326\266\313\221\006\143\242\006\347\063
\254\076\250\201\022\320\313\272\320\222\013\266\236\226\252\004
\017\212
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "GeoTrust Primary Certification Authority - G2"

Issuer: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

Serial Number:3c:b2:f4:48:0a:00:e2:fe:eb:24:3b:5e:60:3e:c3:6b

Subject: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

Not Valid Before: Mon Nov 05 00:00:00 2007

Not Valid After: Mon Jan 18 23:59:59 2038

Fingerprint (MD5): 01:5e:d8:6b:bd:6f:3d:8e:a1:31:f8:12:e0:98:73:6a

Fingerprint (SHA1): 8d:17:84:d5:37:f3:03:7d:ec:70:fe:57:8b:51:9a:99:e6:10:d7:b0

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\215\027\204\325\067\363\003\175\354\160\376\127\213\121\232\231
\346\020\327\260
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\001\136\330\153\275\157\075\216\241\061\370\022\340\230\163\152
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\067\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\074\262\364\110\012\000\342\376\353\044\073\136\140\076
\303\153
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "VeriSign Universal Root Certification Authority"
# Issuer: CN=VeriSign Universal Root Certification Authority,OU=(c) 2008 VeriSign\, Inc. - For authorized use
only,OU=VeriSign Trust Network,O=VeriSign\, Inc.,C=US
# Serial Number:40:1a:c4:64:21:b3:13:21:03:0e:bb:e4:12:1a:c5:1d
# Subject: CN=VeriSign Universal Root Certification Authority,OU=(c) 2008 VeriSign\, Inc. - For authorized use
only,OU=VeriSign Trust Network,O=VeriSign\, Inc.,C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After: Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): 8e:ad:b5:01:aa:4d:81:e4:8c:1d:d1:e1:14:00:95:19
# Fingerprint (SHA1): 36:79:ca:35:66:87:72:30:4d:30:a5:fb:87:3b:0f:a7:7b:b7:0d:54
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Universal Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\275\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\006\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\275\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003

```

\125\004\013\023\061\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\006\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\100\032\304\144\041\263\023\041\003\016\273\344\022\032
\305\035

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\271\060\202\003\241\240\003\002\001\002\002\020\100
\032\304\144\041\263\023\041\003\016\273\344\022\032\305\035\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201
\275\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027
\060\025\006\003\125\004\012\023\016\126\145\162\151\123\151\147
\156\054\040\111\156\143\056\061\037\060\035\006\003\125\004\013
\023\026\126\145\162\151\123\151\147\156\040\124\162\165\163\164
\040\116\145\164\167\157\162\153\061\072\060\070\006\003\125\004
\013\023\061\050\143\051\040\062\060\060\070\040\126\145\162\151
\123\151\147\156\054\040\111\156\143\056\040\055\040\106\157\162
\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040
\157\156\154\171\061\070\060\066\006\003\125\004\003\023\057\126
\145\162\151\123\151\147\156\040\125\156\151\166\145\162\163\141
\154\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036
\027\015\060\070\060\064\060\062\060\060\060\060\060\132\027
\015\063\067\061\062\060\061\062\063\065\071\065\071\132\060\201
\275\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027
\060\025\006\003\125\004\012\023\016\126\145\162\151\123\151\147
\156\054\040\111\156\143\056\061\037\060\035\006\003\125\004\013
\023\026\126\145\162\151\123\151\147\156\040\124\162\165\163\164
\040\116\145\164\167\157\162\153\061\072\060\070\006\003\125\004
\013\023\061\050\143\051\040\062\060\060\070\040\126\145\162\151
\123\151\147\156\054\040\111\156\143\056\040\055\040\106\157\162
\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040
\157\156\154\171\061\070\060\066\006\003\125\004\003\023\057\126
\145\162\151\123\151\147\156\040\125\156\151\166\145\162\163\141
\154\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\307
\141\067\136\261\001\064\333\142\327\025\233\377\130\132\214\043
\043\326\140\216\221\327\220\230\203\172\346\130\031\070\214\305
\366\345\144\205\264\242\161\373\355\275\271\332\315\115\000\264
\310\055\163\245\307\151\161\225\037\071\074\262\104\007\234\350

\016\372\115\112\304\041\337\051\141\217\062\042\141\202\305\207
\037\156\214\174\137\026\040\121\104\321\160\117\127\352\343\034
\343\314\171\356\130\330\016\302\263\105\223\300\054\347\232\027
\053\173\000\067\172\101\063\170\341\063\342\363\020\032\177\207
\054\276\366\365\367\102\342\345\277\207\142\211\137\000\113\337
\305\335\344\165\104\062\101\072\036\161\156\151\313\013\165\106
\010\321\312\322\053\225\320\317\373\271\100\153\144\214\127\115
\374\023\021\171\204\355\136\124\366\064\237\010\001\363\020\045
\006\027\112\332\361\035\172\146\153\230\140\146\244\331\357\322
\056\202\361\360\357\011\352\104\311\025\152\342\003\156\063\323
\254\237\125\000\307\366\010\152\224\271\137\334\340\063\361\204
\140\371\133\047\021\264\374\026\362\273\126\152\200\045\215\002
\003\001\000\001\243\201\262\060\201\257\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\155\006\010\053
\006\001\005\005\007\001\014\004\141\060\137\241\135\240\133\060
\131\060\127\060\125\026\011\151\155\141\147\145\057\147\151\146
\060\041\060\037\060\007\006\005\053\016\003\002\032\004\024\217
\345\323\032\206\254\215\216\153\303\317\200\152\324\110\030\054
\173\031\056\060\045\026\043\150\164\164\160\072\057\057\154\157
\147\157\056\166\145\162\151\163\151\147\156\056\143\157\155\057
\166\163\154\157\147\157\056\147\151\146\060\035\006\003\125\035
\016\004\026\004\024\266\167\372\151\110\107\237\123\022\325\302
\352\007\062\166\007\321\227\007\031\060\015\006\011\052\206\110
\206\367\015\001\001\013\005\000\003\202\001\001\000\112\370\370
\260\003\346\054\147\173\344\224\167\143\314\156\114\371\175\016
\015\334\310\271\065\271\160\117\143\372\044\372\154\203\214\107
\235\073\143\363\232\371\166\062\225\221\261\167\274\254\232\276
\261\344\061\041\306\201\225\126\132\016\261\302\324\261\246\131
\254\361\143\313\270\114\035\131\220\112\357\220\026\050\037\132
\256\020\373\201\120\070\014\154\314\361\075\303\365\143\343\263
\343\041\311\044\071\351\375\025\146\106\364\033\021\320\115\163
\243\175\106\371\075\355\250\137\142\324\361\077\370\340\164\127
\053\030\235\201\264\304\050\332\224\227\245\160\353\254\035\276
\007\021\360\325\333\335\345\214\360\325\062\260\203\346\127\342
\217\277\276\241\252\277\075\035\265\324\070\352\327\260\134\072
\117\152\077\217\300\146\154\143\252\351\331\244\026\364\201\321
\225\024\016\175\315\225\064\331\322\217\160\163\201\173\234\176
\275\230\141\330\105\207\230\220\305\353\206\060\306\065\277\360
\377\303\125\210\203\113\357\005\222\006\161\362\270\230\223\267
\354\315\202\141\361\070\346\117\227\230\052\132\215

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "VeriSign Universal Root Certification Authority"


```
# Issuer: CN=VeriSign Universal Root Certification Authority,OU=(c) 2008 VeriSign\, Inc. - For authorized use
only,OU=VeriSign Trust Network,O=VeriSign\, Inc.,C=US
# Serial Number:40:1a:c4:64:21:b3:13:21:03:0e:bb:e4:12:1a:c5:1d
# Subject: CN=VeriSign Universal Root Certification Authority,OU=(c) 2008 VeriSign\, Inc. - For authorized use
only,OU=VeriSign Trust Network,O=VeriSign\, Inc.,C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After: Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): 8e:ad:b5:01:aa:4d:81:e4:8c:1d:d1:e1:14:00:95:19
# Fingerprint (SHA1): 36:79:ca:35:66:87:72:30:4d:30:a5:fb:87:3b:0f:a7:7b:b7:0d:54
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Universal Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\066\171\312\065\146\207\162\060\115\060\245\373\207\073\017\247
\173\267\015\124
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\216\255\265\001\252\115\201\344\214\035\321\341\024\000\225\031
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\275\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\006\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\100\032\304\144\041\263\023\041\003\016\273\344\022\032
\305\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "thawte Primary Root CA - G3"
# Issuer: CN=thawte Primary Root CA - G3,OU=(c) 2008 thawte\, Inc. - For authorized use only,OU=Certification
Services Division,O=thawte\, Inc.,C=US
```

```
# Serial Number:60:01:97:b7:46:a7:ea:b4:b4:9a:d6:4b:2f:f7:90:fb
# Subject: CN=thawte Primary Root CA - G3,OU=(c) 2008 thawte\, Inc. - For authorized use only,OU=Certification
Services Division,O=thawte\, Inc.,C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After: Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): fb:1b:5d:43:8a:94:cd:44:c6:76:f2:43:4b:47:e7:31
# Fingerprint (SHA1): f1:8b:53:8d:1b:e9:03:b6:a6:f0:56:43:5b:17:15:89:ca:f3:6b:f2
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "thawte Primary Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006
\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107
\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006
\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107
\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\140\001\227\267\106\247\352\264\264\232\326\113\057\367
\220\373
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\052\060\202\003\022\240\003\002\001\002\002\020\140
```

\001\227\267\106\247\352\264\264\232\326\113\057\367\220\373\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201
\256\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025
\060\023\006\003\125\004\012\023\014\164\150\141\167\164\145\054
\040\111\156\143\056\061\050\060\046\006\003\125\004\013\023\037
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\040\104\151\166\151\163\151\157\156\061
\070\060\066\006\003\125\004\013\023\057\050\143\051\040\062\060
\060\070\040\164\150\141\167\164\145\054\040\111\156\143\056\040
\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145\144
\040\165\163\145\040\157\156\154\171\061\044\060\042\006\003\125
\004\003\023\033\164\150\141\167\164\145\040\120\162\151\155\141
\162\171\040\122\157\157\164\040\103\101\040\055\040\107\063\060
\036\027\015\060\070\060\064\060\062\060\060\060\060\060\060\132
\027\015\063\067\061\062\060\061\062\063\065\071\065\071\132\060
\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164\145
\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013\023
\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123
\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157\156
\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040\062
\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143\056
\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145
\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006\003
\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151\155
\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107\063
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001
\000\262\277\047\054\373\333\330\133\335\170\173\033\236\167\146
\201\313\076\274\174\256\363\246\047\232\064\243\150\061\161\070
\063\142\344\363\161\146\171\261\251\145\243\245\213\325\217\140
\055\077\102\314\252\153\062\300\043\313\054\101\335\344\337\374
\141\234\342\163\262\042\225\021\103\030\137\304\266\037\127\154
\012\005\130\042\310\066\114\072\174\245\321\317\206\257\210\247
\104\002\023\164\161\163\012\102\131\002\370\033\024\153\102\337
\157\137\272\153\202\242\235\133\347\112\275\036\001\162\333\113
\164\350\073\177\177\175\037\004\264\046\233\340\264\132\254\107
\075\125\270\327\260\046\122\050\001\061\100\146\330\331\044\275
\366\052\330\354\041\111\134\233\366\172\351\177\125\065\176\226
\153\215\223\223\047\313\222\273\352\254\100\300\237\302\370\200
\317\135\364\132\334\316\164\206\246\076\154\013\123\312\275\222
\316\031\006\162\346\014\134\070\151\307\004\326\274\154\316\133
\366\367\150\234\334\045\025\110\210\241\351\251\370\230\234\340
\363\325\061\050\141\021\154\147\226\215\071\231\313\302\105\044
\071\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125
\035\016\004\026\004\024\255\154\252\224\140\234\355\344\377\372

```
\076\012\164\053\143\003\367\266\131\277\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\001\001\000\032\100
\330\225\145\254\011\222\211\306\071\364\020\345\251\016\146\123
\135\170\336\372\044\221\273\347\104\121\337\306\026\064\012\357
\152\104\121\352\053\007\212\003\172\303\353\077\012\054\122\026
\240\053\103\271\045\220\077\160\251\063\045\155\105\032\050\073
\047\317\252\303\051\102\033\337\073\114\300\063\064\133\101\210
\277\153\053\145\257\050\357\262\365\303\252\146\316\173\126\356
\267\310\313\147\301\311\234\032\030\270\304\303\111\003\361\140
\016\120\315\106\305\363\167\171\367\266\025\340\070\333\307\057
\050\240\014\077\167\046\164\331\045\022\332\061\332\032\036\334
\051\101\221\042\074\151\247\273\002\362\266\134\047\003\211\364
\006\352\233\344\162\202\343\241\011\301\351\000\031\323\076\324
\160\153\272\161\246\252\130\256\364\273\351\154\266\357\207\314
\233\273\377\071\346\126\141\323\012\247\304\134\114\140\173\005
\167\046\172\277\330\007\122\054\142\367\160\143\331\071\274\157
\034\302\171\334\166\051\257\316\305\054\144\004\136\210\066\156
\061\324\100\032\142\064\066\077\065\001\256\254\143\240
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "thawte Primary Root CA - G3"
```

```
# Issuer: CN=thawte Primary Root CA - G3,OU=(c) 2008 thawte\, Inc. - For authorized use only,OU=Certification
Services Division,O=thawte\, Inc.,C=US
```

```
# Serial Number:60:01:97:b7:46:a7:ea:b4:b4:9a:d6:4b:2f:f7:90:fb
```

```
# Subject: CN=thawte Primary Root CA - G3,OU=(c) 2008 thawte\, Inc. - For authorized use only,OU=Certification
Services Division,O=thawte\, Inc.,C=US
```

```
# Not Valid Before: Wed Apr 02 00:00:00 2008
```

```
# Not Valid After: Tue Dec 01 23:59:59 2037
```

```
# Fingerprint (MD5): fb:1b:5d:43:8a:94:cd:44:c6:76:f2:43:4b:47:e7:31
```

```
# Fingerprint (SHA1): f1:8b:53:8d:1b:e9:03:b6:a6:f0:56:43:5b:17:15:89:ca:f3:6b:f2
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "thawte Primary Root CA - G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\361\213\123\215\033\351\003\266\246\360\126\103\133\027\025\211
\312\363\153\362
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\373\033\135\103\212\224\315\104\306\166\362\103\113\107\347\061
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123
```

```
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006
\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107
\063
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\140\001\227\267\106\247\352\264\264\232\326\113\057\367
\220\373
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Certificate "GeoTrust Primary Certification Authority - G3"

Issuer: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

Serial Number:15:ac:6e:94:19:b2:79:4b:41:f6:27:a9:c3:18:0f:1f

Subject: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

Not Valid Before: Wed Apr 02 00:00:00 2008

Not Valid After: Tue Dec 01 23:59:59 2037

Fingerprint (MD5): b5:e8:34:36:c9:10:44:58:48:70:6d:2e:83:d4:b8:05

Fingerprint (SHA1): 03:9e:ed:b8:0b:e7:a0:3c:69:53:89:3b:20:d2:d9:32:3a:4c:2a:fd

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GeoTrust Primary Certification Authority - G3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\070\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
```

\150\157\162\151\164\171\040\055\040\107\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\070\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\025\254\156\224\031\262\171\113\101\366\047\251\303\030
\017\037

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\376\060\202\002\346\240\003\002\001\002\002\020\025
\254\156\224\031\262\171\113\101\366\047\251\303\030\017\037\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201
\230\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026
\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163
\164\040\111\156\143\056\061\071\060\067\006\003\125\004\013\023
\060\050\143\051\040\062\060\060\070\040\107\145\157\124\162\165
\163\164\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\066\060\064\006\003\125\004\003\023\055\107\145\157\124
\162\165\163\164\040\120\162\151\155\141\162\171\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\040\055\040\107\063\060\036\027\015\060\070\060
\064\060\062\060\060\060\060\060\060\132\027\015\063\067\061\062
\060\061\062\063\065\071\065\071\132\060\201\230\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\026\060\024\006\003\125
\004\012\023\015\107\145\157\124\162\165\163\164\040\111\156\143
\056\061\071\060\067\006\003\125\004\013\023\060\050\143\051\040
\062\060\060\070\040\107\145\157\124\162\165\163\164\040\111\156
\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151
\172\145\144\040\165\163\145\040\157\156\154\171\061\066\060\064
\006\003\125\004\003\023\055\107\145\157\124\162\165\163\164\040
\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040
\055\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012
\002\202\001\001\000\334\342\136\142\130\035\063\127\071\062\063
\372\353\313\207\214\247\324\112\335\006\210\352\144\216\061\230

\245\070\220\036\230\317\056\143\053\360\106\274\104\262\211\241
\300\050\014\111\160\041\225\237\144\300\246\223\022\002\145\046
\206\306\245\211\360\372\327\204\240\160\257\117\032\227\077\006
\104\325\311\353\162\020\175\344\061\050\373\034\141\346\050\007
\104\163\222\042\151\247\003\210\154\235\143\310\122\332\230\047
\347\010\114\160\076\264\311\022\301\305\147\203\135\063\363\003
\021\354\152\320\123\342\321\272\066\140\224\200\273\141\143\154
\133\027\176\337\100\224\036\253\015\302\041\050\160\210\377\326
\046\154\154\140\004\045\116\125\176\175\357\277\224\110\336\267
\035\335\160\215\005\137\210\245\233\362\302\356\352\321\100\101
\155\142\070\035\126\006\305\003\107\121\040\031\374\173\020\013
\016\142\256\166\125\277\137\167\276\076\111\001\123\075\230\045
\003\166\044\132\035\264\333\211\352\171\345\266\263\073\077\272
\114\050\101\177\006\254\152\216\301\320\366\005\035\175\346\102
\206\343\245\325\107\002\003\001\000\001\243\102\060\100\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060
\035\006\003\125\035\016\004\026\004\024\304\171\312\216\241\116
\003\035\034\334\153\333\061\133\224\076\077\060\177\055\060\015
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001
\001\000\055\305\023\317\126\200\173\172\170\275\237\256\054\231
\347\357\332\337\224\136\011\151\247\347\156\150\214\275\162\276
\107\251\016\227\022\270\112\361\144\323\071\337\045\064\324\301
\315\116\201\360\017\004\304\044\263\064\226\306\246\252\060\337
\150\141\163\327\371\216\205\211\357\016\136\225\050\112\052\047
\217\020\216\056\174\206\304\002\236\332\014\167\145\016\104\015
\222\375\375\263\026\066\372\021\015\035\214\016\007\211\152\051
\126\367\162\364\335\025\234\167\065\146\127\253\023\123\330\216
\301\100\305\327\023\026\132\162\307\267\151\001\304\172\261\203
\001\150\175\215\101\241\224\030\301\045\134\374\360\376\203\002
\207\174\015\015\317\056\010\134\112\100\015\076\354\201\141\346
\044\333\312\340\016\055\007\262\076\126\334\215\365\101\205\007
\110\233\014\013\313\111\077\175\354\267\375\313\215\147\211\032
\253\355\273\036\243\000\010\010\027\052\202\134\061\135\106\212
\055\017\206\233\164\331\105\373\324\100\261\172\252\150\055\206
\262\231\042\341\301\053\307\234\370\363\137\250\202\022\353\031
\021\055

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "GeoTrust Primary Certification Authority - G3"

Issuer: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

Serial Number:15:ac:6e:94:19:b2:79:4b:41:f6:27:a9:c3:18:0f:1f

Subject: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use

```

only,O=GeoTrust Inc.,C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After: Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): b5:e8:34:36:c9:10:44:58:48:70:6d:2e:83:d4:b8:05
# Fingerprint (SHA1): 03:9e:ed:b8:0b:e7:a0:3c:69:53:89:3b:20:d2:d9:32:3a:4c:2a:fd
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\003\236\355\270\013\347\240\074\151\123\211\073\040\322\331\062
\072\114\052\375
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\265\350\064\066\311\020\104\130\110\160\155\056\203\324\270\005
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\070\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\254\156\224\031\262\171\113\101\366\047\251\303\030
\017\037
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "E-ME SSI (RCA)"
# Issuer: CN=E-ME SSI (RCA),OU=Sertifikācijas pakalpojumu dala,C=LV
# Serial Number:2e:ef:db:fb:d8:89:3d:8f:49:1c:93:72:fe:45:df:ed
# Subject: CN=E-ME SSI (RCA),OU=Sertifikācijas pakalpojumu dala,C=LV
# Not Valid Before: Tue May 19 08:45:56 2009
# Not Valid After: Wed May 19 08:48:15 2027
# Fingerprint (MD5): cb:bd:c3:68:2d:b3:cb:18:59:d3:29:52:e8:c6:64:89
# Fingerprint (SHA1): c9:32:1d:e6:b5:a8:26:66:cf:69:71:a1:8a:56:f2:d3:a8:67:56:02
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```



```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-ME SSI (RCA)"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\114\126\061
\050\060\046\006\003\125\004\013\023\037\123\145\162\164\151\146
\151\153\141\143\151\152\141\163\040\160\141\153\141\154\160\157
\152\165\155\165\040\144\141\154\141\061\027\060\025\006\003\125
\004\003\023\016\105\055\115\105\040\123\123\111\040\050\122\103
\101\051
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\114\126\061
\050\060\046\006\003\125\004\013\023\037\123\145\162\164\151\146
\151\153\141\143\151\152\141\163\040\160\141\153\141\154\160\157
\152\165\155\165\040\144\141\154\141\061\027\060\025\006\003\125
\004\003\023\016\105\055\115\105\040\123\123\111\040\050\122\103
\101\051
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\056\357\333\373\330\211\075\217\111\034\223\162\376\105
\337\355
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\340\060\202\003\310\240\003\002\001\002\002\020\056
\357\333\373\330\211\075\217\111\034\223\162\376\105\337\355\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\120
\061\013\060\011\006\003\125\004\006\023\002\114\126\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\164\151\146\151\153
\141\143\151\152\141\163\040\160\141\153\141\154\160\157\152\165
\155\165\040\144\141\154\141\061\027\060\025\006\003\125\004\003
\023\016\105\055\115\105\040\123\123\111\040\050\122\103\101\051
\060\036\027\015\060\071\060\065\061\071\060\070\064\065\065\066
\132\027\015\062\067\060\065\061\071\060\070\064\070\061\065\132
\060\120\061\013\060\011\006\003\125\004\006\023\002\114\126\061
\050\060\046\006\003\125\004\013\023\037\123\145\162\164\151\146
\151\153\141\143\151\152\141\163\040\160\141\153\141\154\160\157
\152\165\155\165\040\144\141\154\141\061\027\060\025\006\003\125
\004\003\023\016\105\055\115\105\040\123\123\111\040\050\122\103
\101\051\060\202\002\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202
\002\001\000\304\004\153\000\303\260\340\056\073\350\123\005\005
\010\276\310\204\047\125\326\035\212\022\342\027\042\132\154\377
\263\335\266\231\303\312\301\352\371\330\045\265\337\072\235\235
\077\122\305\351\362\254\277\211\164\212\124\256\116\317\156\362
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\136\256\332\275\022\007\231\225\317\144\253\376\231\221\144\131
\214\311\276\104\152\061\233\230\352\272\352\321\041\016\050\013
\071\233\343\326\212\246\367\002\272\077\075\331\131\364\171\231
\336\323\044\233\213\160\033\052\204\326\345\011\017\046\046\044
\130\217\045\136\363\305\235\164\211\245\066\305\345\122\262\353
\350\206\223\107\156\247\051\207\244\176\334\264\243\313\062\126
\367\105\200\332\134\307\057\240\247\327\357\365\374\265\250\315
\204\225\142\370\251\053\043\073\155\323\267\222\310\352\301\274
\024\115\350\153\234\026\172\323\354\007\373\007\045\020\117\024
\207\173\222\066\316\126\202\145\113\023\046\006\330\243\243\246
\337\302\172\373\173\065\005\242\023\075\076\166\274\034\127\203
\003\121\307\064\336\132\365\074\275\066\045\234\026\017\115\316
\350\015\032\313\135\103\242\024\157\272\174\140\324\002\205\166
\305\153\052\270\105\261\134\167\107\021\255\240\045\251\146\221
\214\121\027\155\141\125\012\031\077\233\002\377\304\365\326\322
\263\351\045\123\341\004\075\217\042\320\242\145\345\256\247\264
\340\035\221\152\302\206\222\367\072\135\023\247\172\114\102\337
\132\263\112\210\104\054\357\107\272\251\257\326\317\142\163\212
\006\042\026\054\302\354\037\006\250\323\107\120\131\062\022\345
\271\235\142\065\236\312\136\012\264\235\043\210\302\323\117\054
\054\311\223\350\176\270\011\354\246\331\335\143\341\311\250\152
\150\334\204\121\254\132\022\347\073\246\265\007\012\261\252\116
\263\264\242\127\337\067\154\026\116\253\231\062\172\360\234\043
\045\213\312\232\250\214\340\070\041\264\316\367\154\141\310\342
\014\022\131\006\201\046\066\132\017\065\163\324\026\105\375\336
\225\336\326\113\134\237\163\331\276\031\275\347\277\344\125\152
\310\153\104\367\307\270\063\210\171\031\015\006\144\350\257\013
\241\165\014\122\145\272\012\043\225\161\367\143\374\176\345\214
\217\314\321\002\003\001\000\001\243\201\265\060\201\262\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\030
\006\010\053\006\001\005\005\007\001\003\004\014\060\012\060\010
\006\006\004\000\216\106\001\001\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016
\004\026\004\024\073\046\003\272\317\343\131\106\102\120\255\024
\234\277\003\073\357\326\076\061\060\020\006\011\053\006\001\004
\001\202\067\025\001\004\003\002\001\000\060\104\006\003\125\035
\040\004\075\060\073\060\071\006\013\053\006\001\004\001\201\372
\075\001\001\001\060\052\060\050\006\010\053\006\001\005\005\007
\002\001\026\034\150\164\164\160\072\057\057\167\167\167\056\145
\155\145\056\154\166\057\162\145\160\157\163\151\164\157\162\171
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\002\001\000\205\346\246\224\344\331\106\137\235\277\223\273
\371\153\166\144\050\256\277\074\105\052\212\223\171\154\323\113
\210\206\040\153\042\046\070\075\034\023\252\353\141\227\154\056
\076\127\234\154\103\242\336\155\100\304\061\362\155\272\106\026
\263\055\306\273\246\334\345\057\261\330\301\325\221\036\021\177
\373\137\241\334\035\141\370\155\233\141\360\342\077\053\161\325
\015\313\336\337\145\077\240\157\225\233\172\313\333\065\067\051

\135\136\235\271\124\261\254\140\022\345\143\331\315\257\122\033
\005\226\023\174\332\044\165\001\255\324\236\245\313\301\022\105
\117\127\257\043\277\051\274\352\216\255\170\370\207\043\350\110
\313\100\250\276\135\063\326\354\306\006\103\302\147\052\350\343
\205\056\140\236\104\057\053\117\061\261\007\235\225\041\325\052
\222\257\200\221\323\307\051\275\315\361\025\014\237\001\356\370
\055\073\244\007\160\111\171\044\355\274\241\323\226\121\202\237
\302\310\274\336\043\232\307\120\053\232\266\170\122\252\316\225
\366\140\073\242\231\371\046\146\364\107\054\101\045\274\101\372
\326\213\177\275\137\202\174\323\105\205\264\114\330\354\263\027
\357\104\072\365\050\145\357\365\236\161\314\041\336\350\326\121
\034\020\373\100\374\111\345\134\204\027\257\252\031\136\242\355
\116\036\242\373\312\107\034\034\144\076\024\221\242\071\031\064
\210\177\221\313\073\235\031\160\352\050\373\374\120\017\314\275
\075\136\002\003\153\171\065\104\101\166\356\266\055\164\204\341
\202\161\323\045\260\323\303\231\104\253\077\342\014\245\356\275
\246\374\244\021\000\356\234\275\067\321\326\142\304\060\024\055
\020\012\227\212\210\365\045\074\226\276\106\100\032\212\300\205
\166\304\240\111\340\111\245\347\031\265\011\363\314\115\355\026
\136\232\324\323\310\151\320\330\212\067\205\153\116\344\252\007
\222\134\324\161\161\201\110\323\170\365\126\140\376\314\002\324
\000\223\037\114\222\100\227\276\162\123\171\056\046\122\276\246
\243\164\261\224\331\024\143\072\156\133\321\074\222\047\122\220
\062\132\222\322\017\116\133\013\006\072\142\345\326\047\014\001
\366\045\002\270\213\020\051\102\251\367\151\312\334\353\012\222
\113\050\061\206

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "E-ME SSI (RCA)"

Issuer: CN=E-ME SSI (RCA),OU=Sertifikācijas pakalpojumu dala,C=LV

Serial Number:2e:ef:db:fb:d8:89:3d:8f:49:1c:93:72:fe:45:df:ed

Subject: CN=E-ME SSI (RCA),OU=Sertifikācijas pakalpojumu dala,C=LV

Not Valid Before: Tue May 19 08:45:56 2009

Not Valid After: Wed May 19 08:48:15 2027

Fingerprint (MD5): cb:bd:c3:68:2d:b3:cb:18:59:d3:29:52:e8:c6:64:89

Fingerprint (SHA1): c9:32:1d:e6:b5:a8:26:66:cf:69:71:a1:8a:56:f2:d3:a8:67:56:02

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "E-ME SSI (RCA)"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\311\062\035\346\265\250\046\146\317\151\161\241\212\126\362\323
\250\147\126\002

```
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\313\275\303\150\055\263\313\030\131\323\051\122\350\306\144\211
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\114\126\061
\050\060\046\006\003\125\004\013\023\037\123\145\162\164\151\146
\151\153\141\143\151\152\141\163\040\160\141\153\141\154\160\157
\152\165\155\165\040\144\141\154\141\061\027\060\025\006\003\125
\004\003\023\016\105\055\115\105\040\123\123\111\040\050\122\103
\101\051
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\056\357\333\373\330\211\075\217\111\034\223\162\376\105
\337\355
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "ACEDICOM Root"
# Issuer: C=ES,O=EDICOM,OU=PKI,CN=ACEDICOM Root
# Serial Number:61:8d:c7:86:3b:01:82:05
# Subject: C=ES,O=EDICOM,OU=PKI,CN=ACEDICOM Root
# Not Valid Before: Fri Apr 18 16:24:22 2008
# Not Valid After: Thu Apr 13 16:24:22 2028
# Fingerprint (MD5): 42:81:a0:e2:1c:e3:55:10:de:55:89:42:65:96:22:e6
# Fingerprint (SHA1): e0:b4:32:2e:b2:f6:a5:68:b6:54:53:84:48:18:4a:50:36:87:43:84
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACEDICOM Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\026\060\024\006\003\125\004\003\014\015\101\103\105
\104\111\103\117\115\040\122\157\157\164\061\014\060\012\006\003
\125\004\013\014\003\120\113\111\061\017\060\015\006\003\125\004
\012\014\006\105\104\111\103\117\115\061\013\060\011\006\003\125
\004\006\023\002\105\123
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\026\060\024\006\003\125\004\003\014\015\101\103\105
\104\111\103\117\115\040\122\157\157\164\061\014\060\012\006\003
\125\004\013\014\003\120\113\111\061\017\060\015\006\003\125\004
```

\012\014\006\105\104\111\103\117\115\061\013\060\011\006\003\125
\004\006\023\002\105\123

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\141\215\307\206\073\001\202\005

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\265\060\202\003\235\240\003\002\001\002\002\010\141
\215\307\206\073\001\202\005\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\104\061\026\060\024\006\003\125\004
\003\014\015\101\103\105\104\111\103\117\115\040\122\157\157\164
\061\014\060\012\006\003\125\004\013\014\003\120\113\111\061\017
\060\015\006\003\125\004\012\014\006\105\104\111\103\117\115\061
\013\060\011\006\003\125\004\006\023\002\105\123\060\036\027\015
\060\070\060\064\061\070\061\066\062\064\062\062\132\027\015\062
\070\060\064\061\063\061\066\062\064\062\062\132\060\104\061\026
\060\024\006\003\125\004\003\014\015\101\103\105\104\111\103\117
\115\040\122\157\157\164\061\014\060\012\006\003\125\004\013\014
\003\120\113\111\061\017\060\015\006\003\125\004\012\014\006\105
\104\111\103\117\115\061\013\060\011\006\003\125\004\006\023\002
\105\123\060\202\002\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202
\002\001\000\377\222\225\341\150\006\166\264\054\310\130\110\312
\375\200\124\051\125\143\044\377\220\145\233\020\165\173\303\152
\333\142\002\001\362\030\206\265\174\132\070\261\344\130\271\373
\323\330\055\237\275\062\067\277\054\025\155\276\265\364\041\322
\023\221\331\007\255\001\005\326\363\275\167\316\137\102\201\012
\371\152\343\203\000\250\053\056\125\023\143\201\312\107\034\173
\134\026\127\172\033\203\140\004\072\076\145\303\315\001\336\336
\244\326\014\272\216\336\331\004\356\027\126\042\233\217\143\375
\115\026\013\267\173\167\214\371\045\265\321\155\231\022\056\117
\032\270\346\352\004\222\256\075\021\271\121\102\075\207\260\061
\205\257\171\132\234\376\347\116\136\222\117\103\374\253\072\255
\245\022\046\146\271\342\014\327\230\316\324\130\245\225\100\012
\267\104\235\023\164\053\302\245\353\042\025\230\020\330\213\305
\004\237\035\217\140\345\006\033\233\317\271\171\240\075\242\043
\077\102\077\153\372\034\003\173\060\215\316\154\300\277\346\033
\137\277\147\270\204\031\325\025\357\173\313\220\066\061\142\311
\274\002\253\106\137\233\376\032\150\224\064\075\220\216\255\366
\344\035\011\177\112\210\070\077\276\147\375\064\226\365\035\274
\060\164\313\070\356\325\154\253\324\374\364\000\267\000\133\205
\062\026\166\063\351\330\243\231\235\005\000\252\026\346\363\201
\175\157\175\252\206\155\255\025\164\323\304\242\161\252\364\024
\175\347\062\270\037\274\325\361\116\275\157\027\002\071\327\016
\225\102\072\307\000\076\351\046\143\021\352\013\321\112\377\030
\235\262\327\173\057\072\331\226\373\350\036\222\256\023\125\310
\331\047\366\334\110\033\260\044\301\205\343\167\235\232\244\363
\014\021\035\015\310\264\024\356\265\202\127\011\277\040\130\177

\057\042\043\330\160\313\171\154\311\113\362\251\052\310\374\207
\053\327\032\120\370\047\350\057\103\343\072\275\330\127\161\375
\316\246\122\133\371\335\115\355\345\366\157\211\355\273\223\234
\166\041\165\360\222\114\051\367\057\234\001\056\376\120\106\236
\144\014\024\263\007\133\305\302\163\154\361\007\134\105\044\024
\065\256\203\361\152\115\211\172\372\263\330\055\146\360\066\207
\365\053\123\002\003\001\000\001\243\201\252\060\201\247\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\037\006\003\125\035\043\004\030\060\026\200\024\246\263\341\053
\053\111\266\327\163\241\252\224\365\001\347\163\145\114\254\120
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206
\060\035\006\003\125\035\016\004\026\004\024\246\263\341\053\053
\111\266\327\163\241\252\224\365\001\347\163\145\114\254\120\060
\104\006\003\125\035\040\004\075\060\073\060\071\006\004\125\035
\040\000\060\061\060\057\006\010\053\006\001\005\005\007\002\001
\026\043\150\164\164\160\072\057\057\141\143\145\144\151\143\157
\155\056\145\144\151\143\157\155\147\162\157\165\160\056\143\157
\155\057\144\157\143\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\003\202\002\001\000\316\054\013\122\121\142\046
\175\014\047\203\217\305\366\332\240\150\173\117\222\136\352\244
\163\062\021\123\104\262\104\313\235\354\017\171\102\263\020\246
\307\015\235\313\266\372\077\072\174\352\277\210\123\033\074\367
\202\372\005\065\063\341\065\250\127\300\347\375\215\117\077\223
\062\117\170\146\003\167\007\130\351\225\310\176\076\320\171\000
\214\362\033\121\063\233\274\224\351\072\173\156\122\055\062\236
\043\244\105\373\266\056\023\260\213\030\261\335\316\325\035\247
\102\177\125\276\373\133\273\107\324\374\044\315\004\256\226\005
\025\326\254\316\060\363\312\013\305\272\342\042\340\246\255\042
\344\002\356\164\021\177\114\377\170\035\065\332\346\002\064\353
\030\022\141\167\006\011\026\143\352\030\255\242\207\037\362\307
\200\011\011\165\116\020\250\217\075\206\270\165\021\300\044\142
\212\226\173\112\105\351\354\131\305\276\153\203\346\341\350\254
\265\060\036\376\005\007\200\371\341\043\015\120\217\005\230\377
\054\137\350\073\266\255\317\201\265\041\207\312\010\052\043\047
\060\040\053\317\355\224\133\254\262\172\322\307\050\241\212\013
\233\115\112\054\155\205\077\011\162\074\147\342\331\334\007\272
\353\145\173\132\001\143\326\220\133\117\027\146\075\177\013\031
\243\223\143\020\122\052\237\024\026\130\342\334\245\364\241\026
\213\016\221\213\201\312\233\131\372\330\153\221\007\145\125\137
\122\037\257\072\373\220\335\151\245\133\234\155\016\054\266\372
\316\254\245\174\062\112\147\100\334\060\064\043\335\327\004\043
\146\360\374\125\200\247\373\146\031\202\065\147\142\160\071\136
\157\307\352\220\100\104\010\036\270\262\326\333\356\131\247\015
\030\171\064\274\124\030\136\123\312\064\121\355\105\012\346\216
\307\202\066\076\247\070\143\251\060\054\027\020\140\222\237\125
\207\022\131\020\302\017\147\151\021\314\116\036\176\112\232\255
\257\100\250\165\254\126\220\164\270\240\234\245\171\157\334\351
\032\310\151\005\351\272\372\003\263\174\344\340\116\302\316\235

\350\266\106\015\156\176\127\072\147\224\302\313\037\234\167\112
\147\116\151\206\103\223\070\373\266\333\117\203\221\324\140\176
\113\076\053\070\007\125\230\136\244

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "ACEDICOM Root"

Issuer: C=ES,O=EDICOM,OU=PKI,CN=ACEDICOM Root

Serial Number:61:8d:c7:86:3b:01:82:05

Subject: C=ES,O=EDICOM,OU=PKI,CN=ACEDICOM Root

Not Valid Before: Fri Apr 18 16:24:22 2008

Not Valid After: Thu Apr 13 16:24:22 2028

Fingerprint (MD5): 42:81:a0:e2:1c:e3:55:10:de:55:89:42:65:96:22:e6

Fingerprint (SHA1): e0:b4:32:2e:b2:f6:a5:68:b6:54:53:84:48:18:4a:50:36:87:43:84

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "ACEDICOM Root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\340\264\062\056\262\366\245\150\266\124\123\204\110\030\112\120
\066\207\103\204

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\102\201\240\342\034\343\125\020\336\125\211\102\145\226\042\346

END

CKA_ISSUER MULTILINE_OCTAL

\060\104\061\026\060\024\006\003\125\004\003\014\015\101\103\105
\104\111\103\117\115\040\122\157\157\164\061\014\060\012\006\003
\125\004\013\014\003\120\113\111\061\017\060\015\006\003\125\004
\012\014\006\105\104\111\103\117\115\061\013\060\011\006\003\125
\004\006\023\002\105\123

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\141\215\307\206\073\001\202\005

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Autoridad Certificadora Raiz de la Secretaria de Economia"

Issuer: 1.2.840.113549.1.9.1=acrse@economia.gob.mx,O=Secretaria de Economia,OU=Direccion General de
Normatividad Mercantil,CN=Autoridad Certificadora Raiz de la Secretaria de Economia,STREET=Insurgentes Sur

1940,2.5.4.17=01030,C=MX,ST=Distrito Federal,L=Alvaro Obregon
Serial Number: 1 (0x1)
Subject: 1.2.840.113549.1.9.1=acrse@economia.gob.mx,O=Secretaria de Economia,OU=Direccion General de
Normatividad Mercantil,CN=Autoridad Certificadora Raiz de la Secretaria de Economia,STREET=Insurgentes Sur
1940,2.5.4.17=01030,C=MX,ST=Distrito Federal,L=Alvaro Obregon
Not Valid Before: Sun May 08 00:00:00 2005
Not Valid After: Thu May 08 00:00:00 2025
Fingerprint (MD5): 07:61:92:04:7e:a6:b9:cd:5e:6b:00:7a:e3:bf:1d:04
Fingerprint (SHA1): 34:d4:99:42:6f:9f:c2:bb:27:b0:75:ba:b6:82:aa:e5:ef:fc:ba:74

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad Certificadora Raiz de la Secretaria de Economia"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

\060\202\001\061\061\027\060\025\006\003\125\004\007\023\016\101
\154\166\141\162\157\040\117\142\162\145\147\157\156\061\031\060
\027\006\003\125\004\010\023\020\104\151\163\164\162\151\164\157
\040\106\145\144\145\162\141\154\061\013\060\011\006\003\125\004
\006\023\002\115\130\061\016\060\014\006\003\125\004\021\023\005
\060\061\060\063\060\061\035\060\033\006\003\125\004\011\023\024
\111\156\163\165\162\147\145\156\164\145\163\040\123\165\162\040
\061\071\064\060\061\102\060\100\006\003\125\004\003\023\071\101
\165\164\157\162\151\144\141\144\040\103\145\162\164\151\146\151
\143\141\144\157\162\141\040\122\141\151\172\040\144\145\040\154
\141\040\123\145\143\162\145\164\141\162\151\141\040\144\145\040
\105\143\157\156\157\155\151\141\061\064\060\062\006\003\125\004
\013\023\053\104\151\162\145\143\143\151\157\156\040\107\145\156
\145\162\141\154\040\144\145\040\116\157\162\155\141\164\151\166
\151\144\141\144\040\115\145\162\143\141\156\164\151\154\061\037
\060\035\006\003\125\004\012\023\026\123\145\143\162\145\164\141
\162\151\141\040\144\145\040\105\143\157\156\157\155\151\141\061
\044\060\042\006\011\052\206\110\206\367\015\001\011\001\026\025
\141\143\162\163\145\100\145\143\157\156\157\155\151\141\056\147
\157\142\056\155\170

END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

\060\202\001\061\061\027\060\025\006\003\125\004\007\023\016\101
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\027\006\003\125\004\010\023\020\104\151\163\164\162\151\164\157
\040\106\145\144\145\162\141\154\061\013\060\011\006\003\125\004
\006\023\002\115\130\061\016\060\014\006\003\125\004\021\023\005
\060\061\060\063\060\061\035\060\033\006\003\125\004\011\023\024
\111\156\163\165\162\147\145\156\164\145\163\040\123\165\162\040
\061\071\064\060\061\102\060\100\006\003\125\004\003\023\071\101
\165\164\157\162\151\144\141\144\040\103\145\162\164\151\146\151

\143\141\144\157\162\141\040\122\141\151\172\040\144\145\040\154
\141\040\123\145\143\162\145\164\141\162\151\141\040\144\145\040
\105\143\157\156\157\155\151\141\061\064\060\062\006\003\125\004
\013\023\053\104\151\162\145\143\143\151\157\156\040\107\145\156
\145\162\141\154\040\144\145\040\116\157\162\155\141\164\151\166
\151\144\141\144\040\115\145\162\143\141\156\164\151\154\061\037
\060\035\006\003\125\004\012\023\026\123\145\143\162\145\164\141
\162\151\141\040\144\145\040\105\143\157\156\157\155\151\141\061
\044\060\042\006\011\052\206\110\206\367\015\001\011\001\026\025
\141\143\162\163\145\100\145\143\157\156\157\155\151\141\056\147
\157\142\056\155\170

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\224\060\202\004\174\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\202\001\061\061\027\060\025\006\003\125\004\007\023\016\101\154
\166\141\162\157\040\117\142\162\145\147\157\156\061\031\060\027
\006\003\125\004\010\023\020\104\151\163\164\162\151\164\157\040
\106\145\144\145\162\141\154\061\013\060\011\006\003\125\004\006
\023\002\115\130\061\016\060\014\006\003\125\004\021\023\005\060
\061\060\063\060\061\035\060\033\006\003\125\004\011\023\024\111
\156\163\165\162\147\145\156\164\145\163\040\123\165\162\040\061
\071\064\060\061\102\060\100\006\003\125\004\003\023\071\101\165
\164\157\162\151\144\141\144\040\103\145\162\164\151\146\151\143
\141\144\157\162\141\040\122\141\151\172\040\144\145\040\154\141
\040\123\145\143\162\145\164\141\162\151\141\040\144\145\040\105
\143\157\156\157\155\151\141\061\064\060\062\006\003\125\004\013
\023\053\104\151\162\145\143\143\151\157\156\040\107\145\156\145
\162\141\154\040\144\145\040\116\157\162\155\141\164\151\166\151
\144\141\144\040\115\145\162\143\141\156\164\151\154\061\037\060
\035\006\003\125\004\012\023\026\123\145\143\162\145\164\141\162
\151\141\040\144\145\040\105\143\157\156\157\155\151\141\061\044
\060\042\006\011\052\206\110\206\367\015\001\011\001\026\025\141
\143\162\163\145\100\145\143\157\156\157\155\151\141\056\147\157
\142\056\155\170\060\036\027\015\060\065\060\065\060\070\060\060
\060\060\060\060\132\027\015\062\065\060\065\060\070\060\060\060
\060\060\060\132\060\202\001\061\061\027\060\025\006\003\125\004
\007\023\016\101\154\166\141\162\157\040\117\142\162\145\147\157
\156\061\031\060\027\006\003\125\004\010\023\020\104\151\163\164
\162\151\164\157\040\106\145\144\145\162\141\154\061\013\060\011
\006\003\125\004\006\023\002\115\130\061\016\060\014\006\003\125
\004\021\023\005\060\061\060\063\060\061\035\060\033\006\003\125
\004\011\023\024\111\156\163\165\162\147\145\156\164\145\163\040
\123\165\162\040\061\071\064\060\061\102\060\100\006\003\125\004
\003\023\071\101\165\164\157\162\151\144\141\144\040\103\145\162

\164\151\146\151\143\141\144\157\162\141\040\122\141\151\172\040
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\040\144\145\040\105\143\157\156\157\155\151\141\061\064\060\062
\006\003\125\004\013\023\053\104\151\162\145\143\143\151\157\156
\040\107\145\156\145\162\141\154\040\144\145\040\116\157\162\155
\141\164\151\166\151\144\141\144\040\115\145\162\143\141\156\164
\151\154\061\037\060\035\006\003\125\004\012\023\026\123\145\143
\162\145\164\141\162\151\141\040\144\145\040\105\143\157\156\157
\155\151\141\061\044\060\042\006\011\052\206\110\206\367\015\001
\011\001\026\025\141\143\162\163\145\100\145\143\157\156\157\155
\151\141\056\147\157\142\056\155\170\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\301\144\240\364\347\122
\160\262\352\223\023\364\065\072\037\352\072\034\305\033\213\130
\341\226\326\002\101\136\216\205\100\377\101\146\100\123\374\230
\265\321\062\062\227\147\100\200\235\356\040\077\016\124\373\102
\007\373\167\032\231\330\206\364\034\052\210\045\363\351\104\243
\116\376\007\276\261\310\357\074\215\207\340\036\312\111\020\073
\050\357\044\121\241\374\210\027\112\347\034\310\124\147\143\350
\152\061\346\103\154\366\100\021\206\304\126\356\275\311\035\246
\106\074\036\106\302\202\215\056\251\350\356\166\012\103\340\162
\115\214\364\305\006\372\054\001\000\063\140\316\070\160\064\153
\027\032\353\172\144\141\247\223\244\145\152\327\043\307\166\172
\224\121\013\354\236\250\317\073\242\120\062\034\102\275\143\341
\207\313\271\205\110\016\300\325\130\266\366\316\113\362\007\317
\343\004\325\037\302\326\243\156\243\273\266\267\156\304\361\242
\037\026\274\266\055\260\357\364\132\233\051\215\274\341\374\007
\133\036\011\063\202\170\314\100\155\161\263\143\023\057\323\114
\066\254\071\117\306\301\260\266\365\205\002\003\001\000\001\243
\201\262\060\201\257\060\063\006\003\125\035\037\004\054\060\052
\060\050\240\046\240\044\206\042\150\164\164\160\072\057\057\141
\143\056\145\143\157\156\157\155\151\141\056\147\157\142\056\155
\170\057\154\141\163\164\056\143\162\154\060\107\006\003\125\035
\040\004\100\060\076\060\074\006\010\140\203\144\145\012\202\074
\001\060\060\060\056\006\010\053\006\001\005\005\007\002\001\026
\042\150\164\164\160\072\057\057\141\143\056\145\143\157\156\157
\155\151\141\056\147\157\142\056\155\170\057\143\160\163\056\150
\164\155\154\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\013\006\003\125\035\017\004\004\003\002\001
\006\060\021\006\011\140\206\110\001\206\370\102\001\001\004\004
\003\002\000\007\060\015\006\011\052\206\110\206\367\015\001\001
\005\005\000\003\202\001\001\000\114\052\170\123\004\226\163\140
\253\065\254\300\304\343\347\310\160\245\051\057\207\030\345\250
\202\336\007\325\010\364\317\236\075\236\374\112\054\026\174\237
\242\235\145\020\314\301\033\233\152\147\332\262\263\035\377\315
\144\172\070\143\255\110\375\363\162\341\372\237\273\127\335\277
\314\302\124\330\225\074\146\327\153\006\272\257\251\340\155\010
\357\244\266\220\075\014\156\040\027\247\226\247\174\150\112\234

```
\230\304\007\157\301\002\142\221\070\233\235\343\212\171\123\235
\237\044\166\045\366\255\050\126\006\252\357\007\254\272\366\154
\344\045\061\175\210\200\072\170\106\370\171\341\070\340\023\347
\141\051\107\363\313\024\000\323\332\342\335\355\163\337\113\362
\143\344\046\330\165\320\115\103\024\220\026\224\107\001\377\241
\131\113\344\166\233\131\003\336\326\027\366\173\327\134\370\351
\343\157\310\116\340\107\046\261\342\234\174\112\061\345\144\021
\340\260\137\332\221\066\110\037\372\011\212\145\150\365\016\302
\237\357\270\152\317\167\376\022\355\066\332\021\066\255\031\152
\302\324\216\122\327\150\357\061
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Autoridad Certificadora Raiz de la Secretaria de Economia"

Issuer: 1.2.840.113549.1.9.1=acrse@economia.gob.mx,O=Secretaria de Economia,OU=Direccion General de Normatividad Mercantil,CN=Autoridad Certificadora Raiz de la Secretaria de Economia,STREET=Insurgentes Sur 1940,2.5.4.17=01030,C=MX,ST=Distrito Federal,L=Alvaro Obregon

Serial Number: 1 (0x1)

Subject: 1.2.840.113549.1.9.1=acrse@economia.gob.mx,O=Secretaria de Economia,OU=Direccion General de Normatividad Mercantil,CN=Autoridad Certificadora Raiz de la Secretaria de Economia,STREET=Insurgentes Sur 1940,2.5.4.17=01030,C=MX,ST=Distrito Federal,L=Alvaro Obregon

Not Valid Before: Sun May 08 00:00:00 2005

Not Valid After: Thu May 08 00:00:00 2025

Fingerprint (MD5): 07:61:92:04:7e:a6:b9:cd:5e:6b:00:7a:e3:bf:1d:04

Fingerprint (SHA1): 34:d4:99:42:6f:9f:c2:bb:27:b0:75:ba:b6:82:aa:e5:ef:fc:ba:74

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Autoridad Certificadora Raiz de la Secretaria de Economia"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\064\324\231\102\157\237\302\273\047\260\165\272\266\202\252\345
\357\374\272\164
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\007\141\222\004\176\246\271\315\136\153\000\172\343\277\035\004
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\202\001\061\061\027\060\025\006\003\125\004\007\023\016\101
\154\166\141\162\157\040\117\142\162\145\147\157\156\061\031\060
\027\006\003\125\004\010\023\020\104\151\163\164\162\151\164\157
\040\106\145\144\145\162\141\154\061\013\060\011\006\003\125\004
\006\023\002\115\130\061\016\060\014\006\003\125\004\021\023\005
\060\061\060\063\060\061\035\060\033\006\003\125\004\011\023\024
\111\156\163\165\162\147\145\156\164\145\163\040\123\165\162\040
```

```
\061\071\064\060\061\102\060\100\006\003\125\004\003\023\071\101
\165\164\157\162\151\144\141\144\040\103\145\162\164\151\146\151
\143\141\144\157\162\141\040\122\141\151\172\040\144\145\040\154
\141\040\123\145\143\162\145\164\141\162\151\141\040\144\145\040
\105\143\157\156\157\155\151\141\061\064\060\062\006\003\125\004
\013\023\053\104\151\162\145\143\143\151\157\156\040\107\145\156
\145\162\141\154\040\144\145\040\116\157\162\155\141\164\151\166
\151\144\141\144\040\115\145\162\143\141\156\164\151\154\061\037
\060\035\006\003\125\004\012\023\026\123\145\143\162\145\164\141
\162\151\141\040\144\145\040\105\143\157\156\157\155\151\141\061
\044\060\042\006\011\052\206\110\206\367\015\001\011\001\026\025
\141\143\162\163\145\100\145\143\157\156\157\155\151\141\056\147
\157\142\056\155\170
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\001\001
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Correo Uruguayo - Root CA"

Issuer: CN=Correo Uruguayo - Root CA,OU=SERVICIOS ELECTRONICOS,O=ADMINISTRACION NACIONAL DE CORREOS,C=UY

Serial Number:ca:22:79:08:23:2a:f0:f5:82:b8:85:d3:63:dd:f1

Subject: CN=Correo Uruguayo - Root CA,OU=SERVICIOS ELECTRONICOS,O=ADMINISTRACION NACIONAL DE CORREOS,C=UY

Not Valid Before: Mon Jul 14 16:52:15 2008

Not Valid After: Tue Dec 31 02:59:59 2030

Fingerprint (MD5): 24:6d:ab:d2:f2:ea:4a:66:ae:5b:bc:ae:50:ad:6e:56

Fingerprint (SHA1): f9:dd:19:26:6b:20:43:f1:fe:4b:3d:cb:01:90:af:f1:1f:31:a6:9d

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Correo Uruguayo - Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\131\061
\053\060\051\006\003\125\004\012\014\042\101\104\115\111\116\111
\123\124\122\101\103\111\117\116\040\116\101\103\111\117\116\101
\114\040\104\105\040\103\117\122\122\105\117\123\061\037\060\035
\006\003\125\004\013\014\026\123\105\122\126\111\103\111\117\123
\040\105\114\105\103\124\122\117\116\111\103\117\123\061\042\060
\040\006\003\125\004\003\014\031\103\157\162\162\145\157\040\125
\162\165\147\165\141\171\157\040\055\040\122\157\157\164\040\103
```

\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\131\061
\053\060\051\006\003\125\004\012\014\042\101\104\115\111\116\111
\123\124\122\101\103\111\117\116\040\116\101\103\111\117\116\101
\114\040\104\105\040\103\117\122\122\105\117\123\061\037\060\035
\006\003\125\004\013\014\026\123\105\122\126\111\103\111\117\123
\040\105\114\105\103\124\122\117\116\111\103\117\123\061\042\060
\040\006\003\125\004\003\014\031\103\157\162\162\145\157\040\125
\162\165\147\165\141\171\157\040\055\040\122\157\157\164\040\103
\101

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\312\042\171\010\043\052\360\365\202\270\205\323\143
\335\361

END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\032\060\202\004\002\240\003\002\001\002\002\020\000
\312\042\171\010\043\052\360\365\202\270\205\323\143\335\361\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\177
\061\013\060\011\006\003\125\004\006\023\002\125\131\061\053\060
\051\006\003\125\004\012\014\042\101\104\115\111\116\111\123\124
\122\101\103\111\117\116\040\116\101\103\111\117\116\101\114\040
\104\105\040\103\117\122\122\105\117\123\061\037\060\035\006\003
\125\004\013\014\026\123\105\122\126\111\103\111\117\123\040\105
\114\105\103\124\122\117\116\111\103\117\123\061\042\060\040\006
\003\125\004\003\014\031\103\157\162\162\145\157\040\125\162\165
\147\165\141\171\157\040\055\040\122\157\157\164\040\103\101\060
\036\027\015\060\070\060\067\061\064\061\066\065\062\061\065\132
\027\015\063\060\061\062\063\061\060\062\065\071\065\071\132\060
\177\061\013\060\011\006\003\125\004\006\023\002\125\131\061\053
\060\051\006\003\125\004\012\014\042\101\104\115\111\116\111\123
\124\122\101\103\111\117\116\040\116\101\103\111\117\116\101\114
\040\104\105\040\103\117\122\122\105\117\123\061\037\060\035\006
\003\125\004\013\014\026\123\105\122\126\111\103\111\117\123\040
\105\114\105\103\124\122\117\116\111\103\117\123\061\042\060\040
\006\003\125\004\003\014\031\103\157\162\162\145\157\040\125\162
\165\147\165\141\171\157\040\055\040\122\157\157\164\040\103\101
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\261\075\322\247\045\160\227\203\170\016\327\062\311\146\016
\170\043\344\052\033\354\303\357\123\205\203\273\312\317\176\352
\123\231\155\047\125\310\321\070\041\100\156\111\115\303\075\366
\011\053\006\031\103\251\230\311\001\116\364\252\200\060\007\125
\363\365\267\175\231\267\163\205\325\034\145\126\154\015\062\233
\010\016\064\141\052\100\011\204\067\303\146\355\015\114\234\014

\170\100\072\354\355\253\314\244\204\362\165\061\225\100\250\252
\273\223\265\167\230\154\362\310\340\041\132\043\344\102\247\223
\310\250\035\070\316\244\032\100\100\277\074\223\220\233\137\326
\224\301\042\133\106\327\305\000\025\325\217\306\367\336\013\257
\156\213\005\217\133\200\225\016\243\275\223\314\220\362\175\343
\110\176\262\315\007\075\033\355\024\220\164\363\335\064\037\174
\344\003\131\361\055\315\340\243\240\073\041\056\134\256\254\010
\006\120\025\061\065\356\137\371\037\015\064\245\200\156\142\162
\117\343\041\272\070\100\135\137\333\150\052\134\064\306\010\073
\366\174\056\250\215\304\267\246\255\331\233\277\031\101\016\110
\071\011\146\156\015\064\001\305\273\007\021\043\244\332\376\140
\226\050\107\334\217\147\233\023\257\175\171\016\170\315\300\214
\057\273\041\054\374\164\026\036\336\300\062\235\372\170\072\206
\272\076\311\170\012\000\321\344\340\311\022\342\133\334\353\273
\200\232\062\065\253\360\060\303\016\110\204\057\215\010\012\366
\054\214\115\062\200\105\125\010\333\315\015\250\277\010\172\270
\347\150\135\232\224\211\225\274\374\232\216\270\177\072\330\154
\325\364\030\254\151\342\244\301\013\263\037\243\202\237\363\212
\074\205\100\070\011\372\302\005\076\341\234\211\372\303\005\154
\010\217\135\121\364\177\273\304\363\154\001\275\075\117\304\031
\213\071\331\312\314\351\171\210\004\125\253\155\270\332\026\105
\145\071\025\005\030\373\013\054\163\001\355\224\122\345\175\014
\001\073\011\240\115\361\075\010\201\146\064\066\027\104\360\147
\363\133\362\005\266\041\230\130\331\364\241\067\331\157\346\357
\126\304\373\277\126\142\002\254\060\060\266\002\326\322\026\374
\116\352\207\103\232\150\135\210\243\221\106\050\053\277\071\025
\025\002\003\001\000\001\243\201\221\060\201\216\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006
\003\125\035\016\004\026\004\024\175\273\151\353\210\141\341\100
\317\107\043\144\000\206\242\146\153\334\204\225\060\114\006\003
\125\035\040\004\105\060\103\060\101\006\004\125\035\040\000\060
\071\060\067\006\010\053\006\001\005\005\007\002\001\026\053\150
\164\164\160\072\057\057\167\167\167\056\143\157\162\162\145\157
\056\143\157\155\056\165\171\057\143\157\162\162\145\157\143\145
\162\164\057\143\160\163\056\160\144\146\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\126\337
\023\211\276\142\267\016\201\041\163\244\324\067\312\355\267\057
\225\164\327\211\370\113\107\201\356\147\355\270\051\337\041\240
\374\124\147\147\310\127\054\133\241\012\165\170\041\041\312\240
\250\337\153\234\331\066\002\215\270\001\301\157\216\173\154\311
\244\262\305\106\251\312\114\002\201\372\243\173\235\075\110\346
\312\100\146\322\104\235\166\340\125\271\246\234\247\321\103\330
\365\240\264\235\370\367\345\246\246\102\363\002\062\131\106\162
\053\024\354\136\145\325\121\201\170\316\252\057\215\226\211\171
\152\373\017\310\133\317\264\256\220\266\137\343\174\142\154\267
\246\377\220\201\265\230\221\163\022\060\257\307\350\201\002\150
\163\051\273\130\165\075\267\326\103\325\256\115\362\102\271\360

```
\337\332\061\000\023\332\341\263\266\006\213\133\375\311\230\270
\242\023\321\272\217\301\212\032\236\017\377\202\276\004\202\345
\053\223\076\036\265\242\014\033\306\032\260\163\211\166\203\274
\216\073\273\027\155\024\303\213\276\175\025\046\265\251\234\027
\172\120\172\055\353\351\231\224\256\230\020\275\356\052\135\135
\326\216\064\133\254\036\207\140\153\230\307\207\217\323\234\262
\150\005\111\007\371\251\061\146\234\376\277\247\131\350\054\360
\066\324\362\250\031\202\300\236\247\071\371\261\230\064\243\037
\372\315\311\031\055\170\336\267\375\142\360\223\243\376\000\133
\326\012\344\363\176\174\227\050\341\005\354\005\064\105\023\377
\051\023\141\212\047\117\333\270\322\222\041\047\265\210\167\147
\250\176\317\044\074\207\010\004\063\163\217\013\266\206\370\317
\357\262\246\044\036\013\221\221\000\120\026\062\022\330\011\045
\332\143\116\335\333\055\327\347\004\153\343\143\037\251\376\251
\001\143\304\312\114\024\150\203\274\005\254\131\026\373\156\241
\007\157\273\113\276\155\230\110\166\045\173\112\021\226\124\010
\254\251\363\067\253\203\303\321\315\201\230\300\345\100\065\270
\237\221\347\157\346\113\040\026\212\123\173\254\072\321\230\065
\124\320\324\277\256\176\232\113\036\351\165\243\045\260\073\347
\145\277\117\225\364\035\275\304\272\311\115\201\121\302\077\132
\331\022\364\041\033\326\225\352\075\220\376\251\223\342
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Correo Uruguayo - Root CA"

Issuer: CN=Correo Uruguayo - Root CA,OU=SERVICIOS ELECTRONICOS,O=ADMINISTRACION
NACIONAL DE CORREOS,C=UY

Serial Number:ca:22:79:08:23:2a:f0:f5:82:b8:85:d3:63:dd:f1

Subject: CN=Correo Uruguayo - Root CA,OU=SERVICIOS ELECTRONICOS,O=ADMINISTRACION
NACIONAL DE CORREOS,C=UY

Not Valid Before: Mon Jul 14 16:52:15 2008

Not Valid After: Tue Dec 31 02:59:59 2030

Fingerprint (MD5): 24:6d:ab:d2:f2:ea:4a:66:ae:5b:bc:ae:50:ad:6e:56

Fingerprint (SHA1): f9:dd:19:26:6b:20:43:f1:fe:4b:3d:cb:01:90:af:f1:1f:31:a6:9d

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Correo Uruguayo - Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

```
\371\335\031\046\153\040\103\361\376\113\075\313\001\220\257\361
\037\061\246\235
```

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

```
\044\155\253\322\362\352\112\146\256\133\274\256\120\255\156\126
```

END

CKA_ISSUER MULTILINE_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\125\131\061
\053\060\051\006\003\125\004\012\014\042\101\104\115\111\116\111
\123\124\122\101\103\111\117\116\040\116\101\103\111\117\116\101
\114\040\104\105\040\103\117\122\122\105\117\123\061\037\060\035
\006\003\125\004\013\014\026\123\105\122\126\111\103\111\117\123
\040\105\114\105\103\124\122\117\116\111\103\117\123\061\042\060
\040\006\003\125\004\003\014\031\103\157\162\162\145\157\040\125
\162\165\147\165\141\171\157\040\055\040\122\157\157\164\040\103
\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\000\312\042\171\010\043\052\360\365\202\270\205\323\143
\335\361

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "CNNIC ROOT"

Issuer: CN=CNNIC ROOT,O=CNNIC,C=CN

Serial Number:49:33:00:01

Subject: CN=CNNIC ROOT,O=CNNIC,C=CN

Not Valid Before: Mon Apr 16 07:09:14 2007

Not Valid After: Fri Apr 16 07:09:14 2027

Fingerprint (MD5): 21:bc:82:ab:49:c4:13:3b:4b:b2:2b:5c:6b:90:9c:19

Fingerprint (SHA1): 8b:af:4c:9b:1d:f0:2a:92:f7:da:12:8e:b9:1b:ac:f4:98:60:4b:6f

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "CNNIC ROOT"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\062\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\016\060\014\006\003\125\004\012\023\005\103\116\116\111\103\061
\023\060\021\006\003\125\004\003\023\012\103\116\116\111\103\040
\122\117\117\124

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\062\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\016\060\014\006\003\125\004\012\023\005\103\116\116\111\103\061
\023\060\021\006\003\125\004\003\023\012\103\116\116\111\103\040
\122\117\117\124

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\111\063\000\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\125\060\202\002\075\240\003\002\001\002\002\004\111
\063\000\001\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\062\061\013\060\011\006\003\125\004\006\023\002\103
\116\061\016\060\014\006\003\125\004\012\023\005\103\116\116\111
\103\061\023\060\021\006\003\125\004\003\023\012\103\116\116\111
\103\040\122\117\117\124\060\036\027\015\060\067\060\064\061\066
\060\067\060\071\061\064\132\027\015\062\067\060\064\061\066\060
\067\060\071\061\064\132\060\062\061\013\060\011\006\003\125\004
\006\023\002\103\116\061\016\060\014\006\003\125\004\012\023\005
\103\116\116\111\103\061\023\060\021\006\003\125\004\003\023\012
\103\116\116\111\103\040\122\117\117\124\060\202\001\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001
\017\000\060\202\001\012\002\202\001\001\000\323\065\367\077\163
\167\255\350\133\163\027\302\321\157\355\125\274\156\352\350\244
\171\262\154\303\243\357\341\237\261\073\110\205\365\232\134\041
\042\020\054\305\202\316\332\343\232\156\067\341\207\054\334\271
\014\132\272\210\125\337\375\252\333\037\061\352\001\361\337\071
\001\301\023\375\110\122\041\304\125\337\332\330\263\124\166\272
\164\261\267\175\327\300\350\366\131\305\115\310\275\255\037\024
\332\337\130\104\045\062\031\052\307\176\176\216\256\070\260\060
\173\107\162\011\061\360\060\333\303\033\166\051\273\151\166\116
\127\371\033\144\242\223\126\267\157\231\156\333\012\004\234\021
\343\200\037\313\143\224\020\012\251\341\144\202\061\371\214\047
\355\246\231\000\366\160\223\030\370\241\064\206\243\335\172\302
\030\171\366\172\145\065\317\220\353\275\063\223\237\123\253\163
\073\346\233\064\040\057\035\357\251\035\143\032\240\200\333\003
\057\371\046\032\206\322\215\273\251\276\122\072\207\147\110\015
\277\264\240\330\046\276\043\137\163\067\177\046\346\222\004\243
\177\317\040\247\267\363\072\312\313\231\313\002\003\001\000\001
\243\163\060\161\060\021\006\011\140\206\110\001\206\370\102\001
\001\004\004\003\002\000\007\060\037\006\003\125\035\043\004\030
\060\026\200\024\145\362\061\255\052\367\367\335\122\226\012\307
\002\301\016\357\246\325\073\021\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\013\006\003\125\035\017
\004\004\003\002\001\376\060\035\006\003\125\035\016\004\026\004
\024\145\362\061\255\052\367\367\335\122\226\012\307\002\301\016
\357\246\325\073\021\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\003\202\001\001\000\113\065\356\314\344\256\277
\303\156\255\237\225\073\113\077\133\036\337\127\051\242\131\312
\070\342\271\032\377\236\346\156\062\335\036\256\352\065\267\365
\223\221\116\332\102\341\303\027\140\120\362\321\134\046\271\202
\267\352\155\344\234\204\347\003\171\027\257\230\075\224\333\307
\272\000\347\270\277\001\127\301\167\105\062\014\073\361\264\034

\010\260\375\121\240\241\335\232\035\023\066\232\155\267\307\074
\271\341\305\331\027\372\203\325\075\025\240\074\273\036\013\342
\310\220\077\250\206\014\374\371\213\136\205\313\117\133\113\142
\021\107\305\105\174\005\057\101\261\236\020\151\033\231\226\340
\125\171\373\116\206\231\270\224\332\206\070\152\223\243\347\313
\156\345\337\352\041\125\211\234\175\175\177\230\365\000\211\356
\343\204\300\134\226\265\305\106\352\106\340\205\125\266\033\311
\022\326\301\315\315\200\363\002\001\074\310\151\313\105\110\143
\330\224\320\354\205\016\073\116\021\145\364\202\214\246\075\256
\056\042\224\011\310\134\352\074\201\135\026\052\003\227\026\125
\011\333\212\101\202\236\146\233\021

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "CNNIC ROOT"

Issuer: CN=CNNIC ROOT,O=CNNIC,C=CN

Serial Number:49:33:00:01

Subject: CN=CNNIC ROOT,O=CNNIC,C=CN

Not Valid Before: Mon Apr 16 07:09:14 2007

Not Valid After: Fri Apr 16 07:09:14 2027

Fingerprint (MD5): 21:bc:82:ab:49:c4:13:3b:4b:b2:2b:5c:6b:90:9c:19

Fingerprint (SHA1): 8b:af:4c:9b:1d:f0:2a:92:f7:da:12:8e:b9:1b:ac:f4:98:60:4b:6f

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "CNNIC ROOT"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\213\257\114\233\035\360\052\222\367\332\022\216\271\033\254\364
\230\140\113\157

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\041\274\202\253\111\304\023\073\113\262\053\134\153\220\234\031

END

CKA_ISSUER MULTILINE_OCTAL

\060\062\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\016\060\014\006\003\125\004\012\023\005\103\116\116\111\103\061
\023\060\021\006\003\125\004\003\023\012\103\116\116\111\103\040
\122\117\117\124

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\111\063\000\001

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "Common Policy"
Issuer: CN=Common Policy,OU=FBCA,O=U.S. Government,C=us
Serial Number:29:36:47:aa:e3:8a:ac:86:4a:23:56:f2:ca:b7:61:af
Subject: CN=Common Policy,OU=FBCA,O=U.S. Government,C=us
Not Valid Before: Mon Oct 15 15:58:00 2007
Not Valid After: Fri Oct 15 16:08:00 2027
Fingerprint (MD5): f0:58:c5:03:82:67:17:ab:8f:da:03:10:27:8e:19:c2
Fingerprint (SHA1): cb:44:a0:97:85:7c:45:fa:18:7e:d9:52:08:6c:b9:84:1f:2d:51:b5

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Common Policy"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

\060\116\061\013\060\011\006\003\125\004\006\023\002\165\163\061
\030\060\026\006\003\125\004\012\023\017\125\056\123\056\040\107
\157\166\145\162\156\155\145\156\164\061\015\060\013\006\003\125
\004\013\023\004\106\102\103\101\061\026\060\024\006\003\125\004
\003\023\015\103\157\155\155\157\156\040\120\157\154\151\143\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\165\163\061
\030\060\026\006\003\125\004\012\023\017\125\056\123\056\040\107
\157\166\145\162\156\155\145\156\164\061\015\060\013\006\003\125
\004\013\023\004\106\102\103\101\061\026\060\024\006\003\125\004
\003\023\015\103\157\155\155\157\156\040\120\157\154\151\143\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\051\066\107\252\343\212\254\206\112\043\126\362\312\267
\141\257

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\241\060\202\002\211\240\003\002\001\002\002\020\051
\066\107\252\343\212\254\206\112\043\126\362\312\267\141\257\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\116
\061\013\060\011\006\003\125\004\006\023\002\165\163\061\030\060
\026\006\003\125\004\012\023\017\125\056\123\056\040\107\157\166
\145\162\156\155\145\156\164\061\015\060\013\006\003\125\004\013
\023\004\106\102\103\101\061\026\060\024\006\003\125\004\003\023
\015\103\157\155\155\157\156\040\120\157\154\151\143\171\060\036
\027\015\060\067\061\060\061\065\061\065\065\070\060\060\132\027
\015\062\067\061\060\061\065\061\066\060\070\060\060\132\060\116

\061\013\060\011\006\003\125\004\006\023\002\165\163\061\030\060
\026\006\003\125\004\012\023\017\125\056\123\056\040\107\157\166
\145\162\156\155\145\156\164\061\015\060\013\006\003\125\004\013
\023\004\106\102\103\101\061\026\060\024\006\003\125\004\003\023
\015\103\157\155\155\157\156\040\120\157\154\151\143\171\060\202
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\227
\215\275\063\047\344\255\133\373\170\275\057\107\107\156\307\170
\351\223\234\244\336\311\034\375\057\033\071\070\254\107\027\300
\176\167\051\000\073\003\037\150\017\315\115\245\356\167\270\054
\142\153\061\366\372\162\011\175\060\051\006\174\347\174\243\075
\204\030\212\035\256\054\222\250\037\350\136\117\215\216\353\077
\032\370\234\012\147\235\260\147\115\360\056\320\060\336\303\224
\260\240\317\056\012\064\177\124\011\323\066\275\244\111\127\122
\163\351\235\376\344\110\171\106\033\133\215\062\344\245\110\144
\363\042\015\222\235\010\025\277\140\074\203\367\107\042\045\042
\255\051\161\267\167\357\027\311\242\266\224\136\310\060\220\244
\024\110\134\126\127\013\101\114\005\324\052\114\077\256\022\233
\131\021\165\160\007\042\151\055\054\323\061\314\222\176\314\315
\244\176\224\107\252\234\011\010\366\113\257\122\350\152\100\221
\305\125\275\100\261\310\155\127\206\225\027\346\037\163\276\107
\056\076\213\114\027\271\271\045\034\245\122\027\066\010\131\300
\102\276\012\053\264\126\121\074\033\125\311\214\220\167\353\002
\003\001\000\001\243\173\060\171\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016
\004\026\004\024\057\130\227\330\251\005\230\245\126\037\373\331
\253\165\357\002\074\066\064\307\060\022\006\011\053\006\001\004
\001\202\067\025\001\004\005\002\003\001\000\001\060\043\006\011
\053\006\001\004\001\202\067\025\002\004\026\004\024\166\267\140
\226\335\024\126\051\254\165\205\323\160\143\301\274\107\206\034
\213\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\140\256\363\110\026\100\162\246\010\210\311
\274\107\054\044\113\135\240\221\163\355\145\170\220\360\147\220
\172\245\277\012\255\266\052\371\231\147\337\203\305\167\037\064
\011\070\371\176\236\101\340\110\140\376\342\252\135\207\210\352
\210\375\134\105\262\311\152\332\175\244\255\261\117\277\034\015
\237\036\232\300\325\024\163\070\053\212\170\100\156\060\367\142
\341\315\231\374\121\151\147\154\021\335\270\020\243\150\336\046
\245\126\375\066\154\067\230\154\373\356\174\074\154\153\160\077
\367\110\067\011\217\013\102\201\255\106\106\270\013\203\006\364
\033\070\240\177\117\315\013\357\203\211\207\227\034\212\060\147
\334\375\124\241\003\176\001\313\205\114\261\013\051\303\276\354
\174\341\077\017\011\122\074\057\247\232\110\376\067\351\021\006
\130\341\066\101\212\304\266\277\216\335\316\112\263\274\032\300
\315\372\032\231\322\161\233\372\317\274\362\304\124\243\210\065
\166\314\033\054\106\157\014\264\321\303\141\166\222\164\021\352
\113\200\215\034\211\021\213\354\133\377\027\311\110\374\347\340

\006\021\342\204\136

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Common Policy"

Issuer: CN=Common Policy,OU=FBCA,O=U.S. Government,C=us

Serial Number:29:36:47:aa:e3:8a:ac:86:4a:23:56:f2:ca:b7:61:af

Subject: CN=Common Policy,OU=FBCA,O=U.S. Government,C=us

Not Valid Before: Mon Oct 15 15:58:00 2007

Not Valid After: Fri Oct 15 16:08:00 2027

Fingerprint (MD5): f0:58:c5:03:82:67:17:ab:8f:da:03:10:27:8e:19:c2

Fingerprint (SHA1): cb:44:a0:97:85:7c:45:fa:18:7e:d9:52:08:6c:b9:84:1f:2d:51:b5

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Common Policy"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\313\104\240\227\205\174\105\372\030\176\331\122\010\154\271\204

\037\055\121\265

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\360\130\305\003\202\147\027\253\217\332\003\020\047\216\031\302

END

CKA_ISSUER MULTILINE_OCTAL

\060\116\061\013\060\011\006\003\125\004\006\023\002\165\163\061

\030\060\026\006\003\125\004\012\023\017\125\056\123\056\040\107

\157\166\145\162\156\155\145\156\164\061\015\060\013\006\003\125

\004\013\023\004\106\102\103\101\061\026\060\024\006\003\125\004

\003\023\015\103\157\155\155\157\156\040\120\157\154\151\143\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\051\066\107\252\343\212\254\206\112\043\126\362\312\267

\141\257

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Macao Post eSignTrust Root Certification Authority"

Issuer: CN=Macao Post eSignTrust Root Certification Authority,O=Macao Post,C=MO

Serial Number:43:11:5a:96:1f:65:5a:d6:f0:33:12:fd:ed:d0:b9:75

Subject: CN=Macao Post eSignTrust Root Certification Authority,O=Macao Post,C=MO

```
# Not Valid Before: Thu Jan 30 00:00:00 2003
# Not Valid After: Tue Jan 29 23:59:59 2013
# Fingerprint (MD5): 6d:38:c4:9b:22:24:4c:a3:a8:b3:a0:93:45:e1:57:fa
# Fingerprint (SHA1): 89:c3:2e:6b:52:4e:4d:65:38:8b:9e:ce:dc:63:71:34:ed:41:93:a3
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Macao Post eSignTrust Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\115\117\061
\023\060\021\006\003\125\004\012\023\012\115\141\143\141\157\040
\120\157\163\164\061\073\060\071\006\003\125\004\003\023\062\115
\141\143\141\157\040\120\157\163\164\040\145\123\151\147\156\124
\162\165\163\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\115\117\061
\023\060\021\006\003\125\004\012\023\012\115\141\143\141\157\040
\120\157\163\164\061\073\060\071\006\003\125\004\003\023\062\115
\141\143\141\157\040\120\157\163\164\040\145\123\151\147\156\124
\162\165\163\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\103\021\132\226\037\145\132\326\360\063\022\375\355\320
\271\165
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\145\060\202\002\115\240\003\002\001\002\002\020\103
\021\132\226\037\145\132\326\360\063\022\375\355\320\271\165\060
\015\006\011\052\206\110\206\367\015\001\001\004\005\000\060\137
\061\013\060\011\006\003\125\004\006\023\002\115\117\061\023\060
\021\006\003\125\004\012\023\012\115\141\143\141\157\040\120\157
\163\164\061\073\060\071\006\003\125\004\003\023\062\115\141\143
\141\157\040\120\157\163\164\040\145\123\151\147\156\124\162\165
\163\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060
\036\027\015\060\063\060\061\063\060\060\060\060\060\060\060\132
\027\015\061\063\060\061\062\071\062\063\065\071\065\071\132\060
\137\061\013\060\011\006\003\125\004\006\023\002\115\117\061\023
\060\021\006\003\125\004\012\023\012\115\141\143\141\157\040\120
\157\163\164\061\073\060\071\006\003\125\004\003\023\062\115\141
```

\143\141\157\040\120\157\163\164\040\145\123\151\147\156\124\162
\165\163\164\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001
\000\242\034\266\270\270\261\315\124\111\203\256\072\307\255\204
\320\135\377\225\253\365\377\001\033\136\357\040\076\275\200\040
\111\054\150\262\203\061\354\225\055\156\111\262\173\277\144\237
\127\055\325\042\153\356\127\227\164\207\352\373\120\315\162\347
\044\055\160\124\274\244\342\052\205\265\002\371\247\140\266\162
\131\353\121\254\106\112\374\247\165\373\004\324\000\377\332\014
\316\313\223\017\062\171\166\326\046\340\315\162\015\113\352\046
\217\113\174\326\343\142\150\210\046\320\115\267\232\047\233\300
\233\266\022\301\233\354\004\321\065\332\047\276\060\342\175\003
\316\106\070\010\157\341\367\236\054\016\272\012\061\327\302\152
\104\206\147\321\350\111\223\024\300\314\136\221\247\373\126\272
\201\000\070\154\322\231\301\277\134\350\244\355\112\234\352\342
\122\275\343\371\213\370\104\346\304\100\101\315\357\000\114\271
\302\251\374\001\364\356\376\260\221\017\200\161\266\345\221\150
\242\345\147\327\350\345\350\243\316\164\254\136\027\255\073\021
\104\027\136\145\166\262\042\115\270\013\073\351\077\211\151\365
\263\002\003\001\000\001\243\035\060\033\060\014\006\003\125\035
\023\004\005\060\003\001\001\377\060\013\006\003\125\035\017\004
\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015\001
\001\004\005\000\003\202\001\001\000\240\224\121\001\330\314\373
\027\176\334\235\176\301\210\262\134\027\317\260\306\044\311\064
\260\006\145\231\023\124\105\207\027\175\301\310\056\141\064\356
\306\155\303\115\152\251\036\253\075\043\024\342\005\010\230\125
\002\016\274\151\213\327\317\117\137\045\320\147\271\126\076\113
\353\103\202\015\327\050\053\313\357\021\232\360\332\144\151\160
\342\230\052\000\206\157\230\352\113\016\232\234\215\274\252\117
\270\375\157\373\123\044\163\257\324\231\274\365\156\314\226\076
\326\135\327\064\065\151\171\261\321\312\165\311\300\204\275\056
\161\245\032\201\221\374\033\211\302\062\107\062\174\150\301\273
\124\342\041\200\154\366\356\154\306\007\226\136\075\300\271\152
\063\304\005\160\251\154\236\325\154\336\306\365\223\147\157\225
\011\300\150\345\370\343\341\062\344\243\015\151\241\015\252\100
\300\343\204\241\313\375\061\056\320\006\224\066\350\240\041\377
\164\335\021\067\111\046\121\105\117\221\022\040\126\362\277\001
\374\331\361\027\156\232\370\134\031\234\064\042\304\046\321\205
\010\204\322\010\003\110\312\030\006

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Macao Post eSignTrust Root Certification Authority"

```
# Issuer: CN=Macao Post eSignTrust Root Certification Authority,O=Macao Post,C=MO
# Serial Number:43:11:5a:96:1f:65:5a:d6:f0:33:12:fd:ed:d0:b9:75
# Subject: CN=Macao Post eSignTrust Root Certification Authority,O=Macao Post,C=MO
# Not Valid Before: Thu Jan 30 00:00:00 2003
# Not Valid After: Tue Jan 29 23:59:59 2013
# Fingerprint (MD5): 6d:38:c4:9b:22:24:4c:a3:a8:b3:a0:93:45:e1:57:fa
# Fingerprint (SHA1): 89:c3:2e:6b:52:4e:4d:65:38:8b:9e:ce:dc:63:71:34:ed:41:93:a3
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Macao Post eSignTrust Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\211\303\056\153\122\116\115\145\070\213\236\316\334\143\161\064
\355\101\223\243
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\155\070\304\233\042\044\114\243\250\263\240\223\105\341\127\372
END
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\115\117\061
\023\060\021\006\003\125\004\012\023\012\115\141\143\141\157\040
\120\157\163\164\061\073\060\071\006\003\125\004\003\023\062\115
\141\143\141\157\040\120\157\163\164\040\145\123\151\147\156\124
\162\165\163\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\103\021\132\226\037\145\132\326\360\063\022\375\355\320
\271\165
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Staat der Nederlanden Root CA - G2"
# Issuer: CN=Staat der Nederlanden Root CA - G2,O=Staat der Nederlanden,C=NL
# Serial Number:98:96:8c
# Subject: CN=Staat der Nederlanden Root CA - G2,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Mar 26 11:18:17 2008
# Not Valid After: Wed Mar 25 11:03:10 2020
# Fingerprint (MD5): 7c:a5:0f:f8:5b:9a:7d:6d:30:ae:54:5a:e3:42:a2:8a
# Fingerprint (SHA1): 59:af:82:79:91:86:c7:b4:75:07:cb:cf:03:57:46:eb:04:dd:b7:16
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
```



```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\214
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\312\060\202\003\262\240\003\002\001\002\002\004\000
\230\226\214\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\116
\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\061\053\060\051\006\003\125\004\003\014\042\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\040\122\157\157\164\040\103\101\040\055\040\107\062\060\036
\027\015\060\070\060\063\062\066\061\061\061\070\061\067\132\027
\015\062\060\060\063\062\065\061\061\060\063\061\060\132\060\132
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\036\060
\034\006\003\125\004\012\014\025\123\164\141\141\164\040\144\145
\162\040\116\145\144\145\162\154\141\156\144\145\156\061\053\060
\051\006\003\125\004\003\014\042\123\164\141\141\164\040\144\145
\162\040\116\145\144\145\162\154\141\156\144\145\156\040\122\157
\157\164\040\103\101\040\055\040\107\062\060\202\002\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002
\017\000\060\202\002\012\002\202\002\001\000\305\131\347\157\165
\252\076\113\234\265\270\254\236\013\344\371\331\312\253\135\217
\265\071\020\202\327\257\121\340\073\341\000\110\152\317\332\341
\006\103\021\231\252\024\045\022\255\042\350\000\155\103\304\251
\270\345\037\211\113\147\275\141\110\357\375\322\340\140\210\345
\271\030\140\050\303\167\053\255\260\067\252\067\336\144\131\052
```

\106\127\344\113\271\370\067\174\325\066\347\200\301\266\363\324
\147\233\226\350\316\327\306\012\123\320\153\111\226\363\243\013
\005\167\110\367\045\345\160\254\060\024\040\045\343\177\165\132
\345\110\370\116\173\003\007\004\372\202\141\207\156\360\073\304
\244\307\320\365\164\076\245\135\032\010\362\233\045\322\366\254
\004\046\076\125\072\142\050\245\173\262\060\257\370\067\302\321
\272\326\070\375\364\357\111\060\067\231\046\041\110\205\001\251
\345\026\347\334\220\125\337\017\350\070\315\231\067\041\117\135
\365\042\157\152\305\022\026\140\027\125\362\145\146\246\247\060
\221\070\301\070\035\206\004\204\272\032\045\170\136\235\257\314
\120\140\326\023\207\122\355\143\037\155\145\175\302\025\030\164
\312\341\176\144\051\214\162\330\026\023\175\013\111\112\361\050
\033\040\164\153\305\075\335\260\252\110\011\075\056\202\224\315
\032\145\331\053\210\232\231\274\030\176\237\356\175\146\174\076
\275\224\270\201\316\315\230\060\170\301\157\147\320\276\137\340
\150\355\336\342\261\311\054\131\170\222\252\337\053\140\143\362
\345\136\271\343\312\372\177\120\206\076\242\064\030\014\011\150
\050\021\034\344\341\271\134\076\107\272\062\077\030\314\133\204
\365\363\153\164\304\162\164\341\343\213\240\112\275\215\146\057
\352\255\065\332\040\323\210\202\141\360\022\042\266\274\320\325
\244\354\257\124\210\045\044\074\247\155\261\162\051\077\076\127
\246\177\125\257\156\046\306\376\347\314\100\134\121\104\201\012
\170\336\112\316\125\277\035\325\331\267\126\357\360\166\377\013
\171\265\257\275\373\251\151\221\106\227\150\200\024\066\035\263
\177\273\051\230\066\245\040\372\202\140\142\063\244\354\326\272
\007\247\156\305\317\024\246\347\326\222\064\330\201\365\374\035
\135\252\134\036\366\243\115\073\270\367\071\002\003\001\000\001
\243\201\227\060\201\224\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\122\006\003\125\035\040\004\113
\060\111\060\107\006\004\125\035\040\000\060\077\060\075\006\010
\053\006\001\005\005\007\002\001\026\061\150\164\164\160\072\057
\057\167\167\167\056\160\153\151\157\166\145\162\150\145\151\144
\056\156\154\057\160\157\154\151\143\151\145\163\057\162\157\157
\164\055\160\157\154\151\143\171\055\107\062\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125
\035\016\004\026\004\024\221\150\062\207\025\035\211\342\265\361
\254\066\050\064\215\013\174\142\210\353\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\250\101
\112\147\052\222\201\202\120\156\341\327\330\263\071\073\363\002
\025\011\120\121\357\055\275\044\173\210\206\073\371\264\274\222
\011\226\271\366\300\253\043\140\006\171\214\021\116\121\322\171
\200\063\373\235\110\276\354\101\103\201\037\176\107\100\034\345
\172\010\312\252\213\165\255\024\304\302\350\146\074\202\007\247
\346\047\202\133\030\346\017\156\331\120\076\212\102\030\051\306
\264\126\374\126\020\240\005\027\275\014\043\177\364\223\355\234
\032\121\276\335\105\101\277\221\044\264\037\214\351\137\317\173
\041\231\237\225\237\071\072\106\034\154\371\315\173\234\220\315
\050\251\307\251\125\273\254\142\064\142\065\023\113\024\072\125

```
\203\271\206\215\222\246\306\364\007\045\124\314\026\127\022\112
\202\170\310\024\331\027\202\046\055\135\040\037\171\256\376\324
\160\026\026\225\203\330\065\071\377\122\135\165\034\026\305\023
\125\317\107\314\165\145\122\112\336\360\260\247\344\012\226\013
\373\255\302\342\045\204\262\335\344\275\176\131\154\233\360\360
\330\347\312\362\351\227\070\176\211\276\314\373\071\027\141\077
\162\333\072\221\330\145\001\031\035\255\120\244\127\012\174\113
\274\234\161\163\052\105\121\031\205\314\216\375\107\247\164\225
\035\250\321\257\116\027\261\151\046\302\252\170\127\133\305\115
\247\345\236\005\027\224\312\262\137\240\111\030\215\064\351\046
\154\110\036\252\150\222\005\341\202\163\132\233\334\007\133\010
\155\175\235\327\215\041\331\374\024\040\252\302\105\337\077\347
\000\262\121\344\302\370\005\271\171\032\214\064\363\236\133\344
\067\133\153\112\337\054\127\212\100\132\066\272\335\165\104\010
\067\102\160\014\376\334\136\041\240\243\212\300\220\234\150\332
\120\346\105\020\107\170\266\116\322\145\311\303\067\337\341\102
\143\260\127\067\105\055\173\212\234\277\005\352\145\125\063\367
\071\020\305\050\052\041\172\033\212\304\044\371\077\025\310\232
\025\040\365\125\142\226\355\155\223\120\274\344\252\170\255\331
\313\012\145\207\246\146\301\304\201\243\167\072\130\036\013\356
\203\213\235\036\322\122\244\314\035\157\260\230\155\224\061\265
\370\161\012\334\271\374\175\062\140\346\353\257\212\001
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Staat der Nederlanden Root CA - G2"
# Issuer: CN=Staat der Nederlanden Root CA - G2,O=Staat der Nederlanden,C=NL
# Serial Number:98:96:8c
# Subject: CN=Staat der Nederlanden Root CA - G2,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Mar 26 11:18:17 2008
# Not Valid After: Wed Mar 25 11:03:10 2020
# Fingerprint (MD5): 7c:a5:0f:f8:5b:9a:7d:6d:30:ae:54:5a:e3:42:a2:8a
# Fingerprint (SHA1): 59:af:82:79:91:86:c7:b4:75:07:cb:cf:03:57:46:eb:04:dd:b7:16
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\131\257\202\171\221\206\307\264\165\007\313\317\003\127\106\353
\004\335\267\026
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\174\245\017\370\133\232\175\155\060\256\124\132\343\102\242\212
END
```

```

CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\214
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "NetLock Platina (Class Platinum) Ftanúsítvány"
# Issuer: CN=NetLock Platina (Class Platinum) Ftanúsítvány,OU=Tanúsítványkiadók (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Serial Number:49:41:2d:ec:00:10
# Subject: CN=NetLock Platina (Class Platinum) Ftanúsítvány,OU=Tanúsítványkiadók (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Not Valid Before: Thu Dec 11 15:12:44 2008
# Not Valid After: Wed Dec 06 15:12:44 2028
# Fingerprint (MD5): d5:97:88:da:64:16:e7:1d:66:4a:a6:ea:37:fc:7a:dc
# Fingerprint (SHA1): ec:93:de:08:3c:93:d9:33:a9:86:b3:d5:cd:e2:5a:cb:2f:ee:cf:8e
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Platina (Class Platinum) Ftanúsítvány"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\255\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\073\060\071\006\003\125\004\003\014\062\116\145
\164\114\157\143\153\040\120\154\141\164\151\156\141\040\050\103
\154\141\163\163\040\120\154\141\164\151\156\165\155\051\040\106
\305\221\164\141\156\303\272\163\303\255\164\166\303\241\156\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

```

\060\201\255\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\073\060\071\006\003\125\004\003\014\062\116\145
\164\114\157\143\153\040\120\154\141\164\151\156\141\040\050\103
\154\141\163\163\040\120\154\141\164\151\156\165\155\051\040\106
\305\221\164\141\156\303\272\163\303\255\164\166\303\241\156\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\006\111\101\055\354\000\020

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\041\060\202\004\011\240\003\002\001\002\002\006\111
\101\055\354\000\020\060\015\006\011\052\206\110\206\367\015\001
\001\013\005\000\060\201\255\061\013\060\011\006\003\125\004\006
\023\002\110\125\061\021\060\017\006\003\125\004\007\014\010\102
\165\144\141\160\145\163\164\061\025\060\023\006\003\125\004\012
\014\014\116\145\164\114\157\143\153\040\113\146\164\056\061\067
\060\065\006\003\125\004\013\014\056\124\141\156\303\272\163\303
\255\164\166\303\241\156\171\153\151\141\144\303\263\153\040\050
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\051\061\073\060\071\006\003\125\004\003
\014\062\116\145\164\114\157\143\153\040\120\154\141\164\151\156
\141\040\050\103\154\141\163\163\040\120\154\141\164\151\156\165
\155\051\040\106\305\221\164\141\156\303\272\163\303\255\164\166
\303\241\156\171\060\036\027\015\060\070\061\062\061\061\061\065
\061\062\064\064\132\027\015\062\070\061\062\060\066\061\065\061
\062\064\064\132\060\201\255\061\013\060\011\006\003\125\004\006
\023\002\110\125\061\021\060\017\006\003\125\004\007\014\010\102
\165\144\141\160\145\163\164\061\025\060\023\006\003\125\004\012
\014\014\116\145\164\114\157\143\153\040\113\146\164\056\061\067
\060\065\006\003\125\004\013\014\056\124\141\156\303\272\163\303
\255\164\166\303\241\156\171\153\151\141\144\303\263\153\040\050
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\051\061\073\060\071\006\003\125\004\003
\014\062\116\145\164\114\157\143\153\040\120\154\141\164\151\156
\141\040\050\103\154\141\163\163\040\120\154\141\164\151\156\165
\155\051\040\106\305\221\164\141\156\303\272\163\303\255\164\166
\303\241\156\171\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\315\362\356\304\032\172\353\164\051\114\266
\275\344\326\012\027\154\145\342\146\075\304\321\274\014\266\132
\326\053\160\137\055\314\041\321\131\020\344\261\023\275\366\314
\042\225\326\154\106\116\221\062\263\353\365\254\313\004\001\117

\166\335\123\076\170\237\371\136\274\265\202\023\106\312\020\343
\035\055\151\053\224\062\020\163\041\253\251\070\305\343\156\023
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\221\071\056\242\221\100\321\074\124\101\207\043\144\120\110\171
\150\113\150\223\113\162\353\200\151\263\112\034\220\276\262\101
\243\245\315\027\300\321\032\151\177\002\030\112\265\142\207\046
\127\055\154\250\054\041\071\365\227\136\233\232\246\370\347\114
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\353\217\307\204\144\173\275\153\312\225\117\330\276\061\023\277
\215\241\012\053\325\171\267\365\166\255\332\121\134\201\107\142
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\257\205\221\370\317\031\021\345\116\371\317\355\343\065\005\001
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\353\304\073\312\205\052\021\024\000\240\033\201\242\011\210\110
\363\174\242\144\241\354\147\264\130\207\360\024\352\251\276\245
\042\101\115\354\275\244\016\350\075\207\367\057\252\316\065\206
\117\060\127\222\215\066\256\170\326\375\030\374\327\045\036\317
\172\374\031\375\240\077\162\027\066\010\101\077\227\066\225\014
\211\225\161\105\372\204\326\324\040\140\263\105\012\362\267\225
\075\013\345\244\303\270\022\362\221\154\351\155\140\203\366\105
\021\005\272\346\107\203\331\221\342\156\341\273\106\153\110\033
\274\306\373\317\176\336\054\273\220\204\356\266\047\071\347\215
\242\061\017\337\201\267\054\154\000\342\261\330\052\027\134\033
\036\107\211\113\027\121\024\100\100\117\304\071\030\062\302\200
\140\066\345\172\107\147\366\250\005\124\301\135\226\240\037\266
\210\122\014\002\276\215\125\176\024\113\303\242\001\356\234\212
\101\135\371\137\226\221\011\216\264\344\265\305\004\337\326\066
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\001\006\060\035\006\003\125\035\016\004\026\004\024\346\241\023
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\244\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000
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\257\263\051\365\007\127\032\142\307\033\105\156\257\135\026\267
\301\320\144\203\073\227\365\103\266\105\220\361\146\052\203\044
\052\377\210\351\172\013\371\302\133\172\257\143\367\011\170\206
\110\131\064\136\233\152\020\116\361\156\225\211\066\112\150\320
\157\233\340\176\117\267\065\017\343\171\261\005\257\047\174\252
\211\012\103\336\372\014\357\331\127\057\050\161\315\151\153\122
\102\311\212\060\105\131\241\314\372\131\112\217\367\326\335\104
\245\263\056\133\021\030\342\262\265\347\021\123\070\376\202\114
\323\163\276\145\222\032\072\250\322\322\252\274\324\276\155\066
\122\377\153\324\322\265\033\067\363\027\102\361\056\247\325\220
\154\164\235\164\365\372\137\042\033\323\334\165\250\265\377\362
\032\321\274\053\000\134\074\305\270\206\010\124\111\242\234\043

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\373\357\246\215\160\364\102\122\115\033\040\000\201\370\240\270
\364\164\043\234\276\364\271\016\354\036\152\330\145\112\025\165
\361\167\133\156\330\261\346\017\264\226\270\035\372\206\310\222
\156\213\351\175\337\242\016\325\361\361\174\256\112\343\146\277
\135\374\133\357\110\262\236\151\307\175\220\240\125\266\224\160
\201\271\012\275\211\165\123\354\204\251\003\245\337\121\231\010
\320\164\014\002\326\163\162\006\173\213\273\135\252\116\374\147
\147\330\216\020\003\031\055\067\072\324\167\251\072\034\235\300
\171\173\154\051\167\062\115\112\213\060\210\302\347\066\316\150
\243\232\230\206\371\211\025\236\277\252\121\175\361\120\106\124
\017\002\056\134\237\343\336\127\063\025\376\030\222\141\250\322
\051\005\135\145\104\036\233\343\357\373\334\005\337\025\253\246
\330\013\244\163\262\114\072\340\236\324\263\152\345\072\016\012
\360\116\317\170\201\037\276\251\230\157\261\107\121\175\102\063
\066\263\246\251\002\122\005\164\176\052\154\324\252\222\126\260
\076\073\043\130\261\215\065\247\023\217\147\036\161\025\246\263
\265\003\206\270\040\146\300\110\157\271\254\324\112\003\125\262
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\345\074\337\165\227
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "NetLock Platina (Class Platinum) Ftanúsítvány"

Issuer: CN=NetLock Platina (Class Platinum) Ftanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Serial Number:49:41:2d:ec:00:10

Subject: CN=NetLock Platina (Class Platinum) Ftanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Not Valid Before: Thu Dec 11 15:12:44 2008

Not Valid After: Wed Dec 06 15:12:44 2028

Fingerprint (MD5): d5:97:88:da:64:16:e7:1d:66:4a:a6:ea:37:fc:7a:dc

Fingerprint (SHA1): ec:93:de:08:3c:93:d9:33:a9:86:b3:d5:cd:e2:5a:cb:2f:ee:cf:8e

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "NetLock Platina (Class Platinum) Ftanúsítvány"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
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```
\354\223\336\010\074\223\331\063\251\206\263\325\315\342\132\313
\057\356\317\216
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END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
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```
\325\227\210\332\144\026\347\035\146\112\246\352\067\374\172\334
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END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\255\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\073\060\071\006\003\125\004\003\014\062\116\145
\164\114\157\143\153\040\120\154\141\164\151\156\141\040\050\103
\154\141\163\163\040\120\154\141\164\151\156\165\155\051\040\106
\305\221\164\141\156\303\272\163\303\255\164\166\303\241\156\171
END
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CKA_SERIAL_NUMBER MULTILINE_OCTAL

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\002\006\111\101\055\354\000\020
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END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "AC Raíz Certicámara S.A."

Issuer: CN=AC Raíz Certicámara S.A.,O=Sociedad Cameral de Certificación Digital - Certicámara S.A.,C=CO

Serial Number:07:7e:52:93:7b:e0:15:e3:57:f0:69:8c:cb:ec:0c

Subject: CN=AC Raíz Certicámara S.A.,O=Sociedad Cameral de Certificación Digital - Certicámara S.A.,C=CO

Not Valid Before: Mon Nov 27 20:46:29 2006

Not Valid After: Tue Apr 02 21:42:02 2030

Fingerprint (MD5): 93:2a:3e:f6:fd:23:69:0d:71:20:d4:2b:47:99:2b:a6

Fingerprint (SHA1): cb:a1:c5:f8:b0:e3:5e:b8:b9:45:12:d3:f9:34:a2:e9:06:10:d3:36

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "AC Raíz Certicámara S.A."

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\173\061\013\060\011\006\003\125\004\006\023\002\103\117\061
\107\060\105\006\003\125\004\012\014\076\123\157\143\151\145\144
\141\144\040\103\141\155\145\162\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\303\263\156\040\104\151\147
\151\164\141\154\040\055\040\103\145\162\164\151\143\303\241\155
\141\162\141\040\123\056\101\056\061\043\060\041\006\003\125\004
\003\014\032\101\103\040\122\141\303\255\172\040\103\145\162\164
\151\143\303\241\155\141\162\141\040\123\056\101\056
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\173\061\013\060\011\006\003\125\004\006\023\002\103\117\061
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\107\060\105\006\003\125\004\012\014\076\123\157\143\151\145\144
\141\144\040\103\141\155\145\162\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\303\263\156\040\104\151\147
\151\164\141\154\040\055\040\103\145\162\164\151\143\303\241\155
\141\162\141\040\123\056\101\056\061\043\060\041\006\003\125\004
\003\014\032\101\103\040\122\141\303\255\172\040\103\145\162\164
\151\143\303\241\155\141\162\141\040\123\056\101\056

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\017\007\176\122\223\173\340\025\343\127\360\151\214\313\354
\014

END

CKA_VALUE MULTILINE_OCTAL

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\176\122\223\173\340\025\343\127\360\151\214\313\354\014\060\015
\006\011\052\206\110\206\367\015\001\001\005\005\000\060\173\061
\013\060\011\006\003\125\004\006\023\002\103\117\061\107\060\105
\006\003\125\004\012\014\076\123\157\143\151\145\144\141\144\040
\103\141\155\145\162\141\154\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\303\263\156\040\104\151\147\151\164\141
\154\040\055\040\103\145\162\164\151\143\303\241\155\141\162\141
\040\123\056\101\056\061\043\060\041\006\003\125\004\003\014\032
\101\103\040\122\141\303\255\172\040\103\145\162\164\151\143\303
\241\155\141\162\141\040\123\056\101\056\060\036\027\015\060\066
\061\061\062\067\062\060\064\066\062\071\132\027\015\063\060\060
\064\060\062\062\061\064\062\060\062\132\060\173\061\013\060\011
\006\003\125\004\006\023\002\103\117\061\107\060\105\006\003\125
\004\012\014\076\123\157\143\151\145\144\141\144\040\103\141\155
\145\162\141\154\040\144\145\040\103\145\162\164\151\146\151\143
\141\143\151\303\263\156\040\104\151\147\151\164\141\154\040\055
\040\103\145\162\164\151\143\303\241\155\141\162\141\040\123\056
\101\056\061\043\060\041\006\003\125\004\003\014\032\101\103\040
\122\141\303\255\172\040\103\145\162\164\151\143\303\241\155\141
\162\141\040\123\056\101\056\060\202\002\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060
\202\002\012\002\202\002\001\000\253\153\211\243\123\314\110\043
\010\373\303\317\121\226\010\056\270\010\172\155\074\220\027\206
\251\351\355\056\023\064\107\262\320\160\334\311\074\320\215\312
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\333\100\312\142\211\217\120\236\001\075\046\133\030\204\034\313
\174\067\267\175\354\323\177\163\031\260\152\262\330\210\212\055
\105\164\250\367\263\270\300\324\332\315\042\211\164\115\132\025
\071\163\030\164\117\265\353\231\247\301\036\210\264\302\223\220
\143\227\363\247\247\022\262\011\042\007\063\331\221\315\016\234
\037\016\040\307\356\273\063\215\217\302\322\130\247\137\375\145
\067\342\210\302\330\217\206\165\136\371\055\247\207\063\362\170
\067\057\213\274\035\206\067\071\261\224\362\330\274\112\234\203
\030\132\006\374\363\324\324\272\214\025\011\045\360\371\266\215

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\133\336\200\141\323\200\330\221\203\102\132\114\004\211\150\021
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\060\300\246\360\206\333\253\111\327\227\155\110\213\371\003\300
\122\147\233\022\367\302\362\056\230\145\102\331\326\232\343\320
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\212\124\207\344\277\074\356\353\303\165\110\137\036\071\157\201
\142\154\305\055\304\027\124\031\267\067\215\234\067\221\310\366
\013\325\352\143\157\203\254\070\302\363\077\336\232\373\341\043
\141\360\310\046\313\066\310\241\363\060\217\244\243\242\241\335
\123\263\336\360\232\062\037\203\221\171\060\301\251\037\123\233
\123\242\025\123\077\335\235\263\020\073\110\175\211\017\374\355
\003\365\373\045\144\165\016\027\031\015\217\000\026\147\171\172
\100\374\055\131\007\331\220\372\232\255\075\334\200\212\346\134
\065\242\147\114\021\153\261\370\200\144\000\055\157\042\141\305
\254\113\046\345\132\020\202\233\244\203\173\064\367\236\211\221
\040\227\216\267\102\307\146\303\320\351\244\326\365\040\215\304
\303\225\254\104\012\235\133\163\074\046\075\057\112\276\247\311
\247\020\036\373\237\120\151\363\002\003\001\000\001\243\201\346
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\225\060\201\222\006\004\125\035\040\000\060\201\211\060\053\006
\010\053\006\001\005\005\007\002\001\026\037\150\164\164\160\072
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\141\056\143\157\155\057\144\160\143\057\060\132\006\010\053\006
\001\005\005\007\002\002\060\116\032\114\114\151\155\151\164\141
\143\151\157\156\145\163\040\144\145\040\147\141\162\141\156\164
\355\141\163\040\144\145\040\145\163\164\145\040\143\145\162\164
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\141\040\104\120\103\056\060\015\006\011\052\206\110\206\367\015
\001\001\005\005\000\003\202\002\001\000\134\224\265\270\105\221
\115\216\141\037\003\050\017\123\174\346\244\131\251\263\212\172
\305\260\377\010\174\054\243\161\034\041\023\147\241\225\022\100
\065\203\203\217\164\333\063\134\360\111\166\012\201\122\335\111
\324\232\062\063\357\233\247\313\165\345\172\313\227\022\220\134
\272\173\305\233\337\273\071\043\310\377\230\316\012\115\042\001
\110\007\176\212\300\325\040\102\224\104\357\277\167\242\211\147
\110\033\100\003\005\241\211\354\317\142\343\075\045\166\146\277
\046\267\273\042\276\157\377\071\127\164\272\172\311\001\225\301
\225\121\350\253\054\370\261\206\040\351\077\313\065\133\322\027
\351\052\376\203\023\027\100\356\210\142\145\133\325\073\140\351
\173\074\270\311\325\177\066\002\045\252\150\302\061\025\267\060
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```
\043\374\114\227\311\132\067\154\174\042\330\112\315\322\216\066
\203\071\221\220\020\310\361\311\065\176\077\270\323\201\306\040
\144\032\266\120\302\041\244\170\334\320\057\073\144\223\164\360
\226\220\361\357\373\011\132\064\100\226\360\066\022\301\243\164
\214\223\176\101\336\167\213\354\206\331\322\017\077\055\321\314
\100\242\211\146\110\036\040\263\234\043\131\163\251\104\163\274
\044\171\220\126\067\263\306\051\176\243\017\361\051\071\357\176
\134\050\062\160\065\254\332\270\310\165\146\374\233\114\071\107
\216\033\157\233\115\002\124\042\063\357\141\272\236\051\204\357
\116\113\063\107\166\227\152\313\176\137\375\025\246\236\102\103
\133\146\132\212\210\015\367\026\271\077\121\145\053\146\152\213
\321\070\122\242\326\106\021\372\374\232\034\164\236\217\227\013
\002\117\144\306\365\150\323\113\055\377\244\067\036\213\077\277
\104\276\141\106\241\204\075\010\047\114\201\040\167\211\010\352
\147\100\136\154\010\121\137\064\132\214\226\150\315\327\367\211
\302\034\323\062\000\257\122\313\323\140\133\052\072\107\176\153
\060\063\241\142\051\177\112\271\341\055\347\024\043\016\016\030
\107\341\171\374\025\125\320\261\374\045\161\143\165\063\034\043
\053\257\134\331\355\107\167\140\016\073\017\036\322\300\334\144
\005\211\374\170\326\134\054\046\103\251
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "AC Raíz Certicámara S.A."

Issuer: CN=AC Raíz Certicámara S.A.,O=Sociedad Cameral de Certificación Digital - Certicámara S.A.,C=CO

Serial Number:07:7e:52:93:7b:e0:15:e3:57:f0:69:8c:cb:ec:0c

Subject: CN=AC Raíz Certicámara S.A.,O=Sociedad Cameral de Certificación Digital - Certicámara S.A.,C=CO

Not Valid Before: Mon Nov 27 20:46:29 2006

Not Valid After: Tue Apr 02 21:42:02 2030

Fingerprint (MD5): 93:2a:3e:f6:fd:23:69:0d:71:20:d4:2b:47:99:2b:a6

Fingerprint (SHA1): cb:a1:c5:f8:b0:e3:5e:b8:b9:45:12:d3:f9:34:a2:e9:06:10:d3:36

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "AC Raíz Certicámara S.A."
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\313\241\305\370\260\343\136\270\271\105\022\323\371\064\242\351
\006\020\323\066
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\223\052\076\366\375\043\151\015\161\040\324\053\107\231\053\246
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\173\061\013\060\011\006\003\125\004\006\023\002\103\117\061
```

```
\107\060\105\006\003\125\004\012\014\076\123\157\143\151\145\144
\141\144\040\103\141\155\145\162\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\303\263\156\040\104\151\147
\151\164\141\154\040\055\040\103\145\162\164\151\143\303\241\155
\141\162\141\040\123\056\101\056\061\043\060\041\006\003\125\004
\003\014\032\101\103\040\122\141\303\255\172\040\103\145\162\164
\151\143\303\241\155\141\162\141\040\123\056\101\056
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\017\007\176\122\223\173\340\025\343\127\360\151\214\313\354
\014
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Certificate "Cisco Root CA 2048"

Issuer: CN=Cisco Root CA 2048,O=Cisco Systems

Serial Number:5f:f8:7b:28:2b:54:dc:8d:42:a3:15:b5:68:c9:ad:ff

Subject: CN=Cisco Root CA 2048,O=Cisco Systems

Not Valid Before: Fri May 14 20:17:12 2004

Not Valid After: Mon May 14 20:25:42 2029

Fingerprint (MD5): be:39:5a:be:07:8a:b1:12:17:25:cc:1d:46:34:3c:b2

Fingerprint (SHA1): de:99:0c:ed:99:e0:43:1f:60:ed:c3:93:7e:7c:d5:bf:0e:d9:e5:fa

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Cisco Root CA 2048"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\065\061\026\060\024\006\003\125\004\012\023\015\103\151\163
\143\157\040\123\171\163\164\145\155\163\061\033\060\031\006\003
\125\004\003\023\022\103\151\163\143\157\040\122\157\157\164\040
\103\101\040\062\060\064\070
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\065\061\026\060\024\006\003\125\004\012\023\015\103\151\163
\143\157\040\123\171\163\164\145\155\163\061\033\060\031\006\003
\125\004\003\023\022\103\151\163\143\157\040\122\157\157\164\040
\103\101\040\062\060\064\070
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\137\370\173\050\053\124\334\215\102\243\025\265\150\311
\255\377
```

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\103\060\202\002\053\240\003\002\001\002\002\020\137
\370\173\050\053\124\334\215\102\243\025\265\150\311\255\377\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\065
\061\026\060\024\006\003\125\004\012\023\015\103\151\163\143\157
\040\123\171\163\164\145\155\163\061\033\060\031\006\003\125\004
\003\023\022\103\151\163\143\157\040\122\157\157\164\040\103\101
\040\062\060\064\070\060\036\027\015\060\064\060\065\061\064\062
\060\061\067\061\062\132\027\015\062\071\060\065\061\064\062\060
\062\065\064\062\132\060\065\061\026\060\024\006\003\125\004\012
\023\015\103\151\163\143\157\040\123\171\163\164\145\155\163\061
\033\060\031\006\003\125\004\003\023\022\103\151\163\143\157\040
\122\157\157\164\040\103\101\040\062\060\064\070\060\202\001\040
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\015\000\060\202\001\010\002\202\001\001\000\260\232\271
\253\247\257\012\167\247\342\161\266\264\146\142\224\170\210\107
\306\142\125\204\100\062\277\300\253\056\245\034\161\326\274\156
\173\250\252\272\156\322\025\210\110\105\235\242\374\203\320\314
\271\214\340\046\150\160\112\170\337\041\027\236\364\141\005\311
\025\310\317\026\332\065\141\211\224\103\250\204\250\061\230\170
\233\271\116\157\054\123\022\154\315\035\255\053\044\273\061\304
\053\377\203\104\157\266\075\044\167\011\352\277\052\250\037\152
\126\366\040\017\021\124\227\201\165\247\045\316\131\152\202\145
\357\267\352\347\342\215\165\213\156\362\335\117\246\136\142\234
\317\020\012\144\320\116\155\316\053\314\133\365\140\245\047\107
\215\151\364\177\316\033\160\336\160\033\040\326\156\315\246\001
\250\074\022\322\251\077\240\153\136\273\216\040\213\172\221\343
\265\150\356\240\347\304\001\164\250\123\013\053\112\232\017\145
\022\016\202\115\216\143\375\357\353\233\032\333\123\246\023\140
\257\302\175\327\307\154\027\045\324\163\373\107\144\120\201\200
\224\114\341\277\256\113\034\337\222\355\056\005\337\002\001\003
\243\121\060\117\060\013\006\003\125\035\017\004\004\003\002\001
\206\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\035\006\003\125\035\016\004\026\004\024\047\363\310
\025\036\156\232\002\011\026\255\053\240\211\140\137\332\173\057
\252\060\020\006\011\053\006\001\004\001\202\067\025\001\004\003
\002\001\000\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\003\202\001\001\000\235\235\204\204\243\101\251\174\167
\014\267\123\312\116\104\120\142\357\124\174\323\165\027\034\350
\340\306\110\113\266\376\114\072\031\201\126\260\126\356\031\226
\142\252\132\243\144\301\366\116\124\063\306\167\376\305\034\272
\345\135\045\312\365\360\223\232\203\021\056\346\313\370\164\105
\376\347\005\270\253\347\337\313\113\341\067\204\332\271\213\227
\160\036\360\342\213\327\260\330\016\235\261\151\326\052\221\173
\251\111\117\176\346\216\225\330\203\047\074\325\150\111\016\324
\235\366\056\353\247\276\353\060\244\254\037\104\374\225\253\063
\006\373\175\140\012\336\264\212\143\260\234\251\362\244\271\123

\001\207\320\150\244\047\177\253\377\351\372\311\100\070\210\147
\264\071\306\204\157\127\311\123\333\272\216\356\300\103\262\370
\011\203\156\377\146\317\076\357\027\263\130\030\045\011\064\136
\343\313\326\024\266\354\362\222\157\164\344\057\201\052\325\222
\221\340\340\227\074\062\150\005\205\113\321\367\127\342\122\035
\223\032\124\237\005\160\300\112\161\140\036\103\013\140\036\376
\243\316\201\031\341\013\065

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Cisco Root CA 2048"

Issuer: CN=Cisco Root CA 2048,O=Cisco Systems

Serial Number:5f:f8:7b:28:2b:54:dc:8d:42:a3:15:b5:68:c9:ad:ff

Subject: CN=Cisco Root CA 2048,O=Cisco Systems

Not Valid Before: Fri May 14 20:17:12 2004

Not Valid After: Mon May 14 20:25:42 2029

Fingerprint (MD5): be:39:5a:be:07:8a:b1:12:17:25:cc:1d:46:34:3c:b2

Fingerprint (SHA1): de:99:0c:ed:99:e0:43:1f:60:ed:c3:93:7e:7c:d5:bf:0e:d9:e5:fa

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Cisco Root CA 2048"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\336\231\014\355\231\340\103\037\140\355\303\223\176\174\325\277
\016\331\345\372

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\276\071\132\276\007\212\261\022\027\045\314\035\106\064\074\262

END

CKA_ISSUER MULTILINE_OCTAL

\060\065\061\026\060\024\006\003\125\004\012\023\015\103\151\163
\143\157\040\123\171\163\164\145\155\163\061\033\060\031\006\003
\125\004\003\023\022\103\151\163\143\157\040\122\157\157\164\040
\103\101\040\062\060\064\070

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\137\370\173\050\053\124\334\215\102\243\025\265\150\311
\255\377

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Certificate "CA Disig"
# Issuer: CN=CA Disig,O=Disig a.s.,L=Bratislava,C=SK
# Serial Number: 1 (0x1)
# Subject: CN=CA Disig,O=Disig a.s.,L=Bratislava,C=SK
# Not Valid Before: Wed Mar 22 01:39:34 2006
# Not Valid After: Tue Mar 22 01:39:34 2016
# Fingerprint (MD5): 3f:45:96:39:e2:50:87:f7:bb:fe:98:0c:3c:20:98:e6
# Fingerprint (SHA1): 2a:c8:d5:8b:57:ce:bf:2f:49:af:f2:fc:76:8f:51:14:62:90:7a:41
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA Disig"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\021\060\017\006\003\125
\004\003\023\010\103\101\040\104\151\163\151\147
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\021\060\017\006\003\125
\004\003\023\010\103\101\040\104\151\163\151\147
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\017\060\202\002\367\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\112\061\013\060\011\006\003\125\004\006\023\002\123\113\061\023
\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163\154
\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104\151
\163\151\147\040\141\056\163\056\061\021\060\017\006\003\125\004
\003\023\010\103\101\040\104\151\163\151\147\060\036\027\015\060
\066\060\063\062\062\060\061\063\071\063\064\132\027\015\061\066
\060\063\062\062\060\061\063\071\063\064\132\060\112\061\013\060
\011\006\003\125\004\006\023\002\123\113\061\023\060\021\006\003
\125\004\007\023\012\102\162\141\164\151\163\154\141\166\141\061
\023\060\021\006\003\125\004\012\023\012\104\151\163\151\147\040
\141\056\163\056\061\021\060\017\006\003\125\004\003\023\010\103
\101\040\104\151\163\151\147\060\202\001\042\060\015\006\011\052
```

\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060
\202\001\012\002\202\001\001\000\222\366\061\301\175\210\375\231
\001\251\330\173\362\161\165\361\061\306\363\165\146\372\121\050
\106\204\227\170\064\274\154\374\274\105\131\210\046\030\112\304
\067\037\241\112\104\275\343\161\004\365\104\027\342\077\374\110
\130\157\134\236\172\011\272\121\067\042\043\146\103\041\260\074
\144\242\370\152\025\016\077\353\121\341\124\251\335\006\231\327
\232\074\124\213\071\003\077\017\305\316\306\353\203\162\002\250
\037\161\363\055\370\165\010\333\142\114\350\372\316\371\347\152
\037\266\153\065\202\272\342\217\026\222\175\005\014\154\106\003
\135\300\355\151\277\072\301\212\240\350\216\331\271\105\050\207
\010\354\264\312\025\276\202\335\265\104\213\055\255\206\014\150
\142\155\205\126\362\254\024\143\072\306\321\231\254\064\170\126
\113\317\266\255\077\214\212\327\004\345\343\170\114\365\206\252
\365\217\372\075\154\161\243\055\312\147\353\150\173\156\063\251
\014\202\050\250\114\152\041\100\025\040\014\046\133\203\302\251
\026\025\300\044\202\135\053\026\255\312\143\366\164\000\260\337
\103\304\020\140\126\147\143\105\002\003\001\000\001\243\201\377
\060\201\374\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\215
\262\111\150\235\162\010\045\271\300\047\365\120\223\126\110\106
\161\371\217\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\066\006\003\125\035\021\004\057\060\055\201\023
\143\141\157\160\145\162\141\164\157\162\100\144\151\163\151\147
\056\163\153\206\026\150\164\164\160\072\057\057\167\167\167\056
\144\151\163\151\147\056\163\153\057\143\141\060\146\006\003\125
\035\037\004\137\060\135\060\055\240\053\240\051\206\047\150\164
\164\160\072\057\057\167\167\167\056\144\151\163\151\147\056\163
\153\057\143\141\057\143\162\154\057\143\141\137\144\151\163\151
\147\056\143\162\154\060\054\240\052\240\050\206\046\150\164\164
\160\072\057\057\143\141\056\144\151\163\151\147\056\163\153\057
\143\141\057\143\162\154\057\143\141\137\144\151\163\151\147\056
\143\162\154\060\032\006\003\125\035\040\004\023\060\021\060\017
\006\015\053\201\036\221\223\346\012\000\000\000\001\001\001\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202
\001\001\000\135\064\164\141\114\257\073\330\377\237\155\130\066
\034\075\013\201\015\022\053\106\020\200\375\347\074\047\320\172
\310\251\266\176\164\060\063\243\072\212\173\164\300\171\171\102
\223\155\377\261\051\024\202\253\041\214\057\027\371\077\046\057
\365\131\306\357\200\006\267\232\111\051\354\316\176\161\074\152
\020\101\300\366\323\232\262\174\132\221\234\300\254\133\310\115
\136\367\341\123\377\103\167\374\236\113\147\154\327\363\203\321
\240\340\177\045\337\270\230\013\232\062\070\154\060\240\363\377
\010\025\063\367\120\112\173\076\243\076\040\251\334\057\126\200
\012\355\101\120\260\311\364\354\262\343\046\104\000\016\157\236
\006\274\042\226\123\160\145\304\120\012\106\153\244\057\047\201
\022\047\023\137\020\241\166\316\212\173\067\352\303\071\141\003
\225\230\072\347\154\210\045\010\374\171\150\015\207\175\142\370


```
\264\137\373\305\330\114\275\130\274\077\103\133\324\036\001\115
\074\143\276\043\357\214\315\132\120\270\150\124\371\012\231\063
\021\000\341\236\302\106\167\202\365\131\006\214\041\114\207\011
\315\345\250
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "CA Disig"

Issuer: CN=CA Disig,O=Disig a.s.,L=Bratislava,C=SK

Serial Number: 1 (0x1)

Subject: CN=CA Disig,O=Disig a.s.,L=Bratislava,C=SK

Not Valid Before: Wed Mar 22 01:39:34 2006

Not Valid After: Tue Mar 22 01:39:34 2016

Fingerprint (MD5): 3f:45:96:39:e2:50:87:f7:bb:fe:98:0c:3c:20:98:e6

Fingerprint (SHA1): 2a:c8:d5:8b:57:ce:bf:2f:49:af:f2:fc:76:8f:51:14:62:90:7a:41

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "CA Disig"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\052\310\325\213\127\316\277\057\111\257\362\374\166\217\121\024
\142\220\172\101
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\077\105\226\071\342\120\207\367\273\376\230\014\074\040\230\346
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\112\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\021\060\017\006\003\125
\004\003\023\010\103\101\040\104\151\163\151\147
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\001
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Certificate "InfoNotary CSP Root"

Issuer: C=BG+1.2.840.113549.1.9.1=csp@infonotary.com+OU=InfoNotary CSP Root+DC=root-

```
ca+O=InfoNotary PLC+CN=InfoNotary CSP Root
# Serial Number:1a:af:92:6c:8f:93:af:60
# Subject: C=BG+1.2.840.113549.1.9.1=csp@infonotary.com+OU=InfoNotary CSP Root+DC=root-
ca+O=InfoNotary PLC+CN=InfoNotary CSP Root
# Not Valid Before: Mon Mar 06 17:33:05 2006
# Not Valid After: Fri Mar 06 17:33:05 2026
# Fingerprint (MD5): e2:d8:f8:67:f4:50:94:35:fc:5e:05:fc:82:22:95:c3
# Fingerprint (SHA1): 04:46:c8:bb:9a:69:83:c9:5c:8a:2e:54:64:68:7c:11:15:aa:b7:4a
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "InfoNotary CSP Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\225\061\201\222\060\011\006\003\125\004\006\014\002\102
\107\060\025\006\003\125\004\012\014\016\111\156\146\157\116\157
\164\141\162\171\040\120\114\103\060\025\006\012\011\222\046\211
\223\362\054\144\001\031\026\007\162\157\157\164\055\143\141\060
\032\006\003\125\004\003\014\023\111\156\146\157\116\157\164\141
\162\171\040\103\123\120\040\122\157\157\164\060\032\006\003\125
\004\013\014\023\111\156\146\157\116\157\164\141\162\171\040\103
\123\120\040\122\157\157\164\060\037\006\011\052\206\110\206\367
\015\001\011\001\026\022\143\163\160\100\151\156\146\157\156\157
\164\141\162\171\056\143\157\155
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\225\061\201\222\060\011\006\003\125\004\006\014\002\102
\107\060\025\006\003\125\004\012\014\016\111\156\146\157\116\157
\164\141\162\171\040\120\114\103\060\025\006\012\011\222\046\211
\223\362\054\144\001\031\026\007\162\157\157\164\055\143\141\060
\032\006\003\125\004\003\014\023\111\156\146\157\116\157\164\141
\162\171\040\103\123\120\040\122\157\157\164\060\032\006\003\125
\004\013\014\023\111\156\146\157\116\157\164\141\162\171\040\103
\123\120\040\122\157\157\164\060\037\006\011\052\206\110\206\367
\015\001\011\001\026\022\143\163\160\100\151\156\146\157\156\157
\164\141\162\171\056\143\157\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\032\257\222\154\217\223\257\140
END
CKA_VALUE MULTILINE_OCTAL
\060\202\007\304\060\202\005\254\240\003\002\001\002\002\010\032
\257\222\154\217\223\257\140\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\201\225\061\201\222\060\011\006\003
\125\004\006\014\002\102\107\060\025\006\003\125\004\012\014\016
\111\156\146\157\116\157\164\141\162\171\040\120\114\103\060\025
```

\006\012\011\222\046\211\223\362\054\144\001\031\026\007\162\157
\157\164\055\143\141\060\032\006\003\125\004\003\014\023\111\156
\146\157\116\157\164\141\162\171\040\103\123\120\040\122\157\157
\164\060\032\006\003\125\004\013\014\023\111\156\146\157\116\157
\164\141\162\171\040\103\123\120\040\122\157\157\164\060\037\006
\011\052\206\110\206\367\015\001\011\001\026\022\143\163\160\100
\151\156\146\157\156\157\164\141\162\171\056\143\157\155\060\042
\030\017\062\060\060\066\060\063\060\066\061\067\063\063\060\065
\132\030\017\062\060\062\066\060\063\060\066\061\067\063\063\060
\065\132\060\201\225\061\201\222\060\011\006\003\125\004\006\014
\002\102\107\060\025\006\003\125\004\012\014\016\111\156\146\157
\116\157\164\141\162\171\040\120\114\103\060\025\006\012\011\222
\046\211\223\362\054\144\001\031\026\007\162\157\157\164\055\143
\141\060\032\006\003\125\004\003\014\023\111\156\146\157\116\157
\164\141\162\171\040\103\123\120\040\122\157\157\164\060\032\006
\003\125\004\013\014\023\111\156\146\157\116\157\164\141\162\171
\040\103\123\120\040\122\157\157\164\060\037\006\011\052\206\110
\206\367\015\001\011\001\026\022\143\163\160\100\151\156\146\157
\156\157\164\141\162\171\056\143\157\155\060\202\002\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002
\017\000\060\202\002\012\002\202\002\001\000\234\315\244\136\037
\244\176\010\202\117\200\166\301\047\214\107\026\140\237\163\254
\311\221\177\055\020\154\073\224\111\234\102\063\137\224\361\203
\041\011\221\367\222\267\017\070\105\213\224\007\112\253\376\077
\066\065\133\321\325\122\070\102\106\350\107\307\112\120\063\310
\344\340\163\266\220\232\272\243\210\070\323\053\102\300\156\337
\242\023\027\362\117\271\347\362\041\335\145\372\246\375\122\302
\140\262\313\117\067\275\257\047\216\151\153\062\100\123\131\365
\362\061\166\210\006\155\150\237\060\274\267\201\034\216\147\143
\303\005\145\367\063\366\131\251\253\263\212\107\013\024\023\307
\066\335\042\373\370\104\064\065\101\050\300\201\272\116\265\161
\023\257\003\250\111\012\056\244\233\141\167\153\035\044\322\245
\361\055\321\107\136\202\377\110\203\260\025\230\107\336\166\373
\117\116\300\277\124\111\146\274\117\001\321\174\072\145\376\305
\254\160\133\305\025\033\162\245\175\246\133\073\027\303\276\303
\077\135\022\177\147\055\166\107\014\213\277\026\043\265\203\162
\315\200\315\350\272\257\136\150\063\070\324\220\355\156\322\351
\126\004\044\241\371\276\154\136\312\236\043\040\222\053\232\015
\113\115\343\242\110\217\276\355\252\016\214\276\251\070\160\271
\020\177\062\135\200\047\132\003\340\324\107\063\045\132\166\251
\203\331\230\100\355\177\165\002\357\356\141\221\254\061\076\200
\323\064\113\360\302\116\065\060\111\136\267\051\350\175\041\260
\377\052\171\234\064\061\031\146\063\040\141\032\057\260\202\325
\261\147\123\220\015\235\052\227\050\156\267\146\077\032\177\246
\304\232\150\226\346\146\133\172\067\337\132\167\025\340\331\343
\174\263\262\320\325\150\333\076\035\130\037\216\312\230\164\143
\277\324\175\066\150\356\320\057\244\052\362\210\057\167\303\022
\077\215\250\045\054\004\151\130\246\313\264\071\361\210\320\246

\336\226\316\163\102\106\323\243\371\361\330\216\212\235\156\212
\300\122\117\105\267\160\376\034\173\075\015\226\334\371\220\226
\155\306\030\241\102\302\266\334\331\043\037\227\223\233\017\031
\371\260\267\077\045\164\275\202\123\354\015\057\155\326\077\122
\057\330\166\320\045\275\320\271\365\275\017\002\003\001\000\001
\243\202\002\020\060\202\002\014\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\104\006\010\053\006\001\005
\005\007\001\001\004\070\060\066\060\064\006\010\053\006\001\005
\005\007\060\001\206\050\150\164\164\160\072\057\057\157\143\163
\160\056\151\156\146\157\156\157\164\141\162\171\056\143\157\155
\057\162\145\163\160\157\156\144\145\162\056\143\147\151\060\126
\006\010\053\006\001\005\005\007\001\013\004\112\060\110\060\106
\006\010\053\006\001\005\005\007\060\005\206\072\154\144\141\160
\072\057\057\154\144\141\160\056\151\156\146\157\156\157\164\141
\162\171\056\143\157\155\057\144\143\075\162\157\157\164\055\143
\141\054\144\143\075\151\156\146\157\156\157\164\141\162\171\054
\144\143\075\143\157\155\060\201\252\006\003\125\035\040\004\201
\242\060\201\237\060\157\006\011\053\006\001\004\001\201\255\000
\001\060\142\060\072\006\010\053\006\001\005\005\007\002\001\026
\056\150\164\164\160\072\057\057\162\145\160\157\163\151\164\157
\162\171\056\151\156\146\157\156\157\164\141\162\171\056\143\157
\155\057\143\160\163\057\161\143\160\163\056\150\164\155\154\060
\044\006\010\053\006\001\005\005\007\002\002\060\030\032\026\111
\156\146\157\116\157\164\141\162\171\040\103\123\120\040\122\157
\157\164\040\103\101\060\054\006\011\053\006\001\004\001\201\255
\000\000\060\037\060\035\006\010\053\006\001\005\005\007\002\001
\026\021\150\164\164\160\072\057\057\167\167\167\056\143\162\143
\056\142\147\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\177\006\003\125\035\021\004\170\060\166\244
\164\060\162\061\160\060\013\006\003\125\004\021\014\004\061\060
\060\060\060\014\006\003\125\004\007\014\005\123\157\146\151\141
\060\023\006\003\125\004\024\014\014\053\063\065\071\062\071\070
\067\065\067\061\067\060\033\006\006\125\004\012\144\001\001\014
\021\061\063\061\062\067\066\070\062\067\072\102\125\114\123\124
\101\124\060\041\006\011\052\206\110\206\367\015\001\011\010\014
\024\061\066\040\111\166\141\156\040\126\141\163\157\166\040\123
\164\162\145\145\164\060\035\006\003\125\035\016\004\026\004\024
\335\324\116\147\103\077\323\352\142\350\332\211\156\216\073\156
\013\273\225\237\060\015\006\011\052\206\110\206\367\015\001\001
\005\005\000\003\202\002\001\000\030\233\374\015\301\370\161\254
\324\314\024\265\047\011\301\130\112\064\100\346\233\145\312\340
\361\213\122\075\226\176\211\036\336\250\025\372\335\224\056\203
\306\066\135\033\041\251\066\016\134\075\111\210\014\123\041\135
\037\155\111\066\157\234\120\353\333\144\317\211\272\257\136\255
\024\104\207\142\357\060\174\300\226\337\160\071\313\073\121\356
\053\374\010\005\207\126\315\063\045\340\200\032\340\246\347\015
\103\114\000\043\103\126\242\016\031\124\342\215\321\015\026\271
\132\157\233\167\345\034\251\203\213\050\361\341\062\166\137\107

\260\232\066\352\262\157\335\206\061\130\376\006\151\260\303\140
\246\373\330\050\324\010\335\361\156\116\032\275\315\267\254\276
\042\207\026\111\261\070\000\325\214\103\051\347\051\153\053\022
\142\131\252\103\360\264\162\210\070\326\002\137\037\332\044\222
\215\215\174\374\037\175\070\220\130\013\037\034\267\034\273\066
\047\055\132\034\307\061\335\264\053\235\275\107\241\061\267\011
\021\342\315\157\247\156\364\270\243\051\217\363\140\277\247\035
\340\117\227\045\045\012\060\111\307\376\172\071\104\324\323\145
\357\210\135\377\331\356\123\071\274\072\104\250\061\073\045\227
\173\232\277\321\335\153\342\327\022\152\373\062\273\321\330\216
\363\226\263\217\220\352\170\130\301\012\333\245\045\276\212\003
\037\345\222\322\274\177\244\162\344\353\126\172\251\372\174\270
\361\240\277\046\376\112\064\317\045\252\144\304\273\173\355\030
\345\114\054\157\101\145\355\340\273\075\054\165\125\157\344\025
\006\305\113\154\223\366\017\125\314\223\165\205\141\046\003\322
\314\225\313\172\020\040\047\126\172\277\165\130\334\365\015\226
\331\112\007\204\330\042\233\020\321\326\006\156\026\007\003\263
\257\171\343\240\027\272\270\103\010\102\235\074\073\047\314\174
\021\324\176\061\363\146\121\002\021\162\072\243\351\162\275\225
\135\241\025\177\107\023\071\225\262\265\256\366\361\141\164\060
\170\307\146\001\323\262\160\227\010\311\015\044\364\104\052\160
\246\235\057\022\144\006\156\212\215\040\343\176\332\361\124\277
\015\024\254\051\276\175\177\177\271\153\105\002\121\147\025\131
\242\016\041\047\311\202\147\061

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "InfoNotary CSP Root"
Issuer: C=BG+1.2.840.113549.1.9.1=csp@infonotary.com+OU=InfoNotary CSP Root+DC=root-
ca+O=InfoNotary PLC+CN=InfoNotary CSP Root
Serial Number: 1a:af:92:6c:8f:93:af:60
Subject: C=BG+1.2.840.113549.1.9.1=csp@infonotary.com+OU=InfoNotary CSP Root+DC=root-
ca+O=InfoNotary PLC+CN=InfoNotary CSP Root
Not Valid Before: Mon Mar 06 17:33:05 2006
Not Valid After: Fri Mar 06 17:33:05 2026
Fingerprint (MD5): e2:d8:f8:67:f4:50:94:35:fc:5e:05:fc:82:22:95:c3
Fingerprint (SHA1): 04:46:c8:bb:9a:69:83:c9:5c:8a:2e:54:64:68:7c:11:15:aa:b7:4a
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "InfoNotary CSP Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\004\106\310\273\232\151\203\311\134\212\056\124\144\150\174\021
\025\252\267\112

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END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\342\330\370\147\364\120\224\065\374\136\005\374\202\042\225\303
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\225\061\201\222\060\011\006\003\125\004\006\014\002\102
\107\060\025\006\003\125\004\012\014\016\111\156\146\157\116\157
\164\141\162\171\040\120\114\103\060\025\006\012\011\222\046\211
\223\362\054\144\001\031\026\007\162\157\157\164\055\143\141\060
\032\006\003\125\004\003\014\023\111\156\146\157\116\157\164\141
\162\171\040\103\123\120\040\122\157\157\164\060\032\006\003\125
\004\013\014\023\111\156\146\157\116\157\164\141\162\171\040\103
\123\120\040\122\157\157\164\060\037\006\011\052\206\110\206\367
\015\001\011\001\026\022\143\163\160\100\151\156\146\157\156\157
\164\141\162\171\056\143\157\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\032\257\222\154\217\223\257\140
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "UCA Global Root"
# Issuer: CN=UCA Global Root,O=UniTrust,C=CN
# Serial Number: 8 (0x8)
# Subject: CN=UCA Global Root,O=UniTrust,C=CN
# Not Valid Before: Tue Jan 01 00:00:00 2008
# Not Valid After: Thu Dec 31 00:00:00 2037
# Fingerprint (MD5): c1:d9:51:c0:84:b8:6a:75:e8:2f:d7:d6:5f:7e:ac:46
# Fingerprint (SHA1): 0b:97:2c:9e:a6:e7:cc:58:d9:3b:20:bf:71:ec:41:2e:72:09:fa:bf
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\072\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\023\010\125\156\151\124\162\165
\163\164\061\030\060\026\006\003\125\004\003\023\017\125\103\101
\040\107\154\157\142\141\154\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\072\061\013\060\011\006\003\125\004\006\023\002\103\116\061

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\021\060\017\006\003\125\004\012\023\010\125\156\151\124\162\165
\163\164\061\030\060\026\006\003\125\004\003\023\017\125\103\101
\040\107\154\157\142\141\154\040\122\157\157\164

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\010

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\222\060\202\003\172\240\003\002\001\002\002\001\010
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\072\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021
\060\017\006\003\125\004\012\023\010\125\156\151\124\162\165\163
\164\061\030\060\026\006\003\125\004\003\023\017\125\103\101\040
\107\154\157\142\141\154\040\122\157\157\164\060\036\027\015\060
\070\060\061\060\061\060\060\060\060\060\060\132\027\015\063\067
\061\062\063\061\060\060\060\060\060\060\132\060\072\061\013\060
\011\006\003\125\004\006\023\002\103\116\061\021\060\017\006\003
\125\004\012\023\010\125\156\151\124\162\165\163\164\061\030\060
\026\006\003\125\004\003\023\017\125\103\101\040\107\154\157\142
\141\154\040\122\157\157\164\060\202\002\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060
\202\002\012\002\202\002\001\000\332\263\345\006\120\077\366\163
\367\304\062\277\106\245\045\142\063\207\260\150\376\247\337\210
\003\143\175\002\226\375\353\207\311\356\342\010\273\235\273\273
\344\101\217\307\060\211\017\155\044\300\004\154\024\224\201\115
\240\015\164\146\363\360\205\257\370\144\031\336\271\351\201\223
\320\050\205\231\107\102\112\054\074\070\047\112\314\377\371\154
\031\327\265\363\357\233\256\133\064\006\327\217\242\023\006\234
\212\204\102\325\263\243\220\150\155\201\220\356\115\204\354\114
\160\116\055\336\044\071\316\031\000\103\223\170\371\010\206\035
\103\321\364\162\274\005\300\147\372\300\121\322\311\205\007\044
\256\071\036\172\315\101\322\066\253\141\352\053\253\360\040\125
\231\074\155\055\034\056\056\165\226\330\162\227\340\014\312\151
\163\356\165\053\025\011\340\216\155\273\332\023\377\106\250\350
\000\014\254\007\057\035\271\272\271\321\240\367\231\236\164\134
\031\005\146\061\317\076\052\122\376\157\237\363\271\275\371\301
\201\365\067\332\056\114\201\045\135\366\331\224\232\323\065\213
\040\050\067\137\121\353\175\142\307\251\223\321\371\320\064\313
\251\047\046\054\050\220\222\073\125\143\267\027\016\124\163\253
\257\174\354\072\253\160\063\254\041\373\042\046\263\206\254\043
\251\327\177\155\313\010\040\362\257\100\365\377\104\107\161\335
\047\335\023\050\241\352\166\071\371\020\240\240\115\100\244\047
\262\131\025\053\154\055\044\267\044\143\170\367\103\030\172\017
\115\021\343\350\254\207\102\215\347\130\161\244\253\156\242\300
\227\174\273\343\023\113\312\333\273\153\010\371\151\264\004\162
\325\303\106\271\167\352\377\272\373\351\360\072\014\065\366\217
\017\256\006\204\026\335\224\125\324\357\312\047\267\003\074\305
\034\046\052\365\074\250\245\225\233\206\361\212\211\147\370\307

\014\146\261\355\101\277\202\246\000\150\072\042\064\356\036\353
\345\157\211\164\117\152\252\152\250\127\147\122\324\040\141\301
\316\123\313\375\044\177\137\046\337\241\010\151\226\240\236\376
\111\103\342\323\352\332\304\361\210\061\041\156\034\341\315\363
\165\016\040\104\026\314\175\163\164\065\105\054\073\201\324\040
\354\266\011\214\076\110\262\111\002\003\001\000\001\243\201\242
\060\201\237\060\013\006\003\125\035\017\004\004\003\002\001\006
\060\014\006\003\125\035\023\004\005\060\003\001\001\377\060\143
\006\003\125\035\045\004\134\060\132\006\010\053\006\001\005\005
\007\003\001\006\010\053\006\001\005\005\007\003\002\006\010\053
\006\001\005\005\007\003\003\006\010\053\006\001\005\005\007\003
\004\006\010\053\006\001\005\005\007\003\005\006\010\053\006\001
\005\005\007\003\006\006\010\053\006\001\005\005\007\003\007\006
\010\053\006\001\005\005\007\003\010\006\010\053\006\001\005\005
\007\003\011\060\035\006\003\125\035\016\004\026\004\024\331\303
\323\370\200\222\147\314\135\322\072\242\327\161\242\264\304\070
\200\055\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\003\202\002\001\000\320\210\171\312\010\252\367\013\064\240
\116\011\302\351\176\065\110\211\160\204\043\057\121\303\053\057
\136\333\123\153\133\165\010\052\124\272\062\016\325\306\161\205
\261\227\111\200\366\204\320\360\272\267\161\224\310\171\153\246
\305\104\350\102\242\255\045\055\127\057\346\326\061\051\372\031
\211\124\051\176\267\176\107\066\151\055\156\062\274\324\165\332
\102\163\270\116\345\203\100\163\262\135\337\324\104\163\246\142
\013\333\252\156\005\214\310\177\106\117\071\205\220\235\274\033
\124\051\254\245\327\376\345\130\126\127\155\054\231\241\111\041
\325\141\306\214\141\341\165\044\301\001\335\055\033\066\303\057
\022\314\013\326\170\213\165\200\351\101\271\210\261\312\074\251
\026\306\116\025\343\162\066\366\324\240\101\205\257\212\145\160
\115\265\104\020\120\354\355\337\155\346\331\306\300\022\361\113
\072\057\163\351\074\251\356\033\252\057\065\245\233\237\115\305
\064\204\137\046\024\151\263\043\261\211\162\024\370\351\115\121
\042\003\377\112\206\304\034\350\173\171\012\333\107\045\201\176
\374\064\204\254\131\270\130\103\344\075\103\011\124\164\302\320
\375\331\357\156\131\367\162\140\231\166\157\365\047\247\273\203
\244\112\201\354\051\201\364\167\113\341\102\022\125\324\206\052
\022\266\360\125\233\001\056\335\366\250\343\031\303\316\107\057
\300\170\141\030\132\307\145\374\235\106\133\127\334\174\016\273
\226\203\020\174\125\030\011\004\256\321\367\213\052\076\240\346
\120\326\060\066\327\347\213\070\123\354\111\104\340\317\244\337
\361\123\173\213\132\266\366\021\220\113\326\165\363\376\002\363
\051\257\360\043\162\175\024\355\251\135\337\172\201\236\233\222
\042\374\036\370\001\105\101\227\307\153\001\141\276\063\150\362
\240\145\204\146\274\340\052\244\150\323\161\354\307\010\336\243
\303\311\066\112\064\361\027\342\200\257\040\041\223\224\036\346
\025\323\124\142\361\265\070\057\343\314\271\147\004\251\272\345
\356\371\020\156\313\056\176\023\257\222\024\376\363\047\163\173
\070\374\163\155\271\271\210\366\156\214\013\365\374\377\011\016

\263\055\136\173\165\343\222\044\342\346\341\130\076\113\050\003
\165\153\030\233\107\014

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "UCA Global Root"

Issuer: CN=UCA Global Root,O=UniTrust,C=CN

Serial Number: 8 (0x8)

Subject: CN=UCA Global Root,O=UniTrust,C=CN

Not Valid Before: Tue Jan 01 00:00:00 2008

Not Valid After: Thu Dec 31 00:00:00 2037

Fingerprint (MD5): c1:d9:51:c0:84:b8:6a:75:e8:2f:d7:d6:5f:7e:ac:46

Fingerprint (SHA1): 0b:97:2c:9e:a6:e7:cc:58:d9:3b:20:bf:71:ec:41:2e:72:09:fa:bf

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "UCA Global Root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\013\227\054\236\246\347\314\130\331\073\040\277\161\354\101\056
\162\011\372\277

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\301\331\121\300\204\270\152\165\350\057\327\326\137\176\254\106

END

CKA_ISSUER MULTILINE_OCTAL

\060\072\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\023\010\125\156\151\124\162\165
\163\164\061\030\060\026\006\003\125\004\003\023\017\125\103\101
\040\107\154\157\142\141\154\040\122\157\157\164

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\010

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "UCA Root"

Issuer: CN=UCA Root,O=UniTrust,C=CN

Serial Number: 9 (0x9)

Subject: CN=UCA Root,O=UniTrust,C=CN

Not Valid Before: Thu Jan 01 00:00:00 2004

```
# Not Valid After: Mon Dec 31 00:00:00 2029
# Fingerprint (MD5): 8f:91:e7:ee:e3:fc:da:86:ca:fc:dc:70:ed:b7:b7:0c
# Fingerprint (SHA1): 82:50:be:d5:a2:14:43:3a:66:37:7c:bc:10:ef:83:f6:69:da:3a:67
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\063\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\023\010\125\156\151\124\162\165
\163\164\061\021\060\017\006\003\125\004\003\023\010\125\103\101
\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\063\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\023\010\125\156\151\124\162\165
\163\164\061\021\060\017\006\003\125\004\003\023\010\125\103\101
\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\011
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\204\060\202\002\154\240\003\002\001\002\002\001\011
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\063\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021
\060\017\006\003\125\004\012\023\010\125\156\151\124\162\165\163
\164\061\021\060\017\006\003\125\004\003\023\010\125\103\101\040
\122\157\157\164\060\036\027\015\060\064\060\061\060\061\060\060
\060\060\060\060\132\027\015\062\071\061\062\063\061\060\060\060
\060\060\060\132\060\063\061\013\060\011\006\003\125\004\006\023
\002\103\116\061\021\060\017\006\003\125\004\012\023\010\125\156
\151\124\162\165\163\164\061\021\060\017\006\003\125\004\003\023
\010\125\103\101\040\122\157\157\164\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\263\135\007\312\206\046
\175\153\342\373\070\011\016\314\202\302\152\032\000\242\025\137
\326\351\324\001\267\126\003\001\131\217\365\070\151\044\166\302
\136\053\305\366\053\277\257\373\101\375\017\132\374\253\327\203
\160\115\060\230\321\236\262\166\273\222\326\273\351\020\050\151
\050\066\104\350\361\054\327\130\174\044\326\177\002\072\360\201
\153\141\140\077\364\063\336\155\345\352\050\122\117\374\251\035
\143\174\013\272\352\256\304\150\106\344\336\217\301\247\262\266
\130\132\155\035\054\331\214\072\267\210\313\205\324\367\350\003
\136\375\262\115\120\350\326\037\377\256\002\077\213\117\226\041
```

\074\233\327\045\311\035\077\373\230\261\131\344\360\251\073\257
\263\315\205\054\342\140\106\314\157\216\240\353\360\064\305\361
\102\030\140\256\022\355\106\165\034\345\330\251\226\132\276\336
\132\326\170\147\226\133\223\167\120\362\156\033\336\226\121\112
\246\326\113\103\165\041\146\215\167\354\002\204\166\134\104\020
\266\035\141\154\344\243\040\175\267\215\272\017\221\165\307\215
\337\274\002\140\250\051\250\275\075\103\002\003\001\000\001\243
\201\242\060\201\237\060\013\006\003\125\035\017\004\004\003\002
\001\006\060\014\006\003\125\035\023\004\005\060\003\001\001\377
\060\143\006\003\125\035\045\004\134\060\132\006\010\053\006\001
\005\005\007\003\001\006\010\053\006\001\005\005\007\003\002\006
\010\053\006\001\005\005\007\003\003\006\010\053\006\001\005\005
\007\003\004\006\010\053\006\001\005\005\007\003\005\006\010\053
\006\001\005\005\007\003\006\006\010\053\006\001\005\005\007\003
\007\006\010\053\006\001\005\005\007\003\010\006\010\053\006\001
\005\005\007\003\011\060\035\006\003\125\035\016\004\026\004\024
\333\037\065\363\153\114\377\102\061\144\233\315\273\132\036\035
\110\020\267\356\060\015\006\011\052\206\110\206\367\015\001\001
\005\005\000\003\202\001\001\000\070\154\267\210\361\255\372\130
\067\164\321\350\160\336\234\047\131\313\344\025\327\240\303\140
\327\210\200\004\305\060\114\075\324\032\353\006\136\131\107\346
\274\146\313\340\010\374\350\065\354\142\175\312\300\332\301\170
\257\345\106\157\373\211\202\043\217\366\327\123\146\125\240\336
\045\022\073\161\066\026\125\022\166\373\075\370\124\133\061\272
\000\006\370\175\125\345\247\166\203\252\134\112\227\246\052\050
\337\275\306\154\013\043\225\216\063\177\036\136\100\037\023\124
\054\234\345\265\016\335\027\050\256\153\001\323\122\051\365\042
\037\220\071\364\334\142\150\360\074\206\107\354\270\005\105\273
\267\014\226\224\306\147\313\043\161\320\216\164\042\326\101\353
\003\250\266\352\276\304\001\022\265\263\135\100\166\006\040\324
\144\270\051\106\006\212\316\037\223\232\020\356\373\252\132\264
\334\057\325\053\313\366\327\005\204\230\005\221\013\204\367\075
\372\326\371\172\372\054\025\352\066\202\103\267\267\270\343\363
\161\001\355\103\103\242\005\105\303\050\005\007\065\343\001\245
\070\036\200\324\327\303\331\336

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "UCA Root"
Issuer: CN=UCA Root,O=UniTrust,C=CN
Serial Number: 9 (0x9)
Subject: CN=UCA Root,O=UniTrust,C=CN
Not Valid Before: Thu Jan 01 00:00:00 2004
Not Valid After: Mon Dec 31 00:00:00 2029
Fingerprint (MD5): 8f:91:e7:ee:e3:fc:da:86:ca:fc:dc:70:ed:b7:b7:0c

```

# Fingerprint (SHA1): 82:50:be:d5:a2:14:43:3a:66:37:7c:bc:10:ef:83:f6:69:da:3a:67
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\202\120\276\325\242\024\103\072\146\067\174\274\020\357\203\366
\151\332\072\147
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\217\221\347\356\343\374\332\206\312\374\334\160\355\267\267\014
END
CKA_ISSUER MULTILINE_OCTAL
\060\063\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\023\010\125\156\151\124\162\165
\163\164\061\021\060\017\006\003\125\004\003\023\010\125\103\101
\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\011
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

# Microsoft Code Signing Only Certificate
# Certificate "DigiNotar Root CA"
# Issuer: 1.2.840.113549.1.9.1=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0c:76:da:9c:91:0c:4e:2c:9e:fe:15:d0:58:93:3c:4c
# Subject: 1.2.840.113549.1.9.1=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Wed May 16 17:19:36 2007
# Not Valid After: Mon Mar 31 18:19:21 2025
# Fingerprint (MD5): 7a:79:54:4d:07:92:3b:5b:ff:41:f0:0e:c7:39:a2:98
# Fingerprint (SHA1): c0:60:ed:44:cb:d8:81:bd:0e:f8:6c:0b:a2:87:dd:cf:81:67:47:8c
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiNotar Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021

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\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\166\332\234\221\014\116\054\236\376\025\320\130\223
\074\114
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\212\060\202\003\162\240\003\002\001\002\002\020\014
\166\332\234\221\014\116\054\236\376\025\320\130\223\074\114\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\137
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022\060
\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164\141
\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147\151
\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040\060
\036\006\011\052\206\110\206\367\015\001\011\001\026\021\151\156
\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154\060
\036\027\015\060\067\060\065\061\066\061\067\061\071\063\066\132
\027\015\062\065\060\063\063\061\061\070\061\071\062\061\132\060
\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022
\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164
\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147
\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040
\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021\151
\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\254\260\130\301\000\275\330\041\010\013\053\232\376\156\126
\060\005\237\033\167\220\020\101\134\303\015\207\021\167\216\201
\361\312\174\351\214\152\355\070\164\065\273\332\337\371\273\300
\011\067\264\226\163\201\175\063\032\230\071\367\223\157\225\177
\075\271\261\165\207\272\121\110\350\213\160\076\225\004\305\330
\266\303\026\331\210\260\261\207\035\160\332\206\264\017\024\213
\172\317\020\321\164\066\242\022\173\167\206\112\171\346\173\337
\002\021\150\245\116\206\256\064\130\233\044\023\170\126\042\045
\036\001\213\113\121\161\373\202\314\131\226\151\210\132\150\123
\305\271\015\002\067\313\113\274\146\112\220\176\052\013\005\007
\355\026\137\125\220\165\330\106\311\033\203\342\010\276\361\043
```

\314\231\035\326\052\017\203\040\025\130\047\202\056\372\342\042
\302\111\261\271\001\201\152\235\155\235\100\167\150\166\116\041
\052\155\204\100\205\116\166\231\174\202\363\363\267\002\131\324
\046\001\033\216\337\255\123\006\321\256\030\335\342\262\072\313
\327\210\070\216\254\133\051\271\031\323\230\371\030\003\317\110
\202\206\146\013\033\151\017\311\353\070\210\172\046\032\005\114
\222\327\044\324\226\362\254\122\055\243\107\325\122\366\077\376
\316\204\006\160\246\252\076\242\362\266\126\064\030\127\242\344
\201\155\347\312\360\152\323\307\221\153\002\203\101\174\025\357
\153\232\144\136\343\320\074\345\261\353\173\135\206\373\313\346
\167\111\315\243\145\334\367\271\234\270\344\013\137\223\317\314
\060\032\062\034\316\034\143\225\245\371\352\341\164\213\236\351
\053\251\060\173\240\030\037\016\030\013\345\133\251\323\321\154
\036\007\147\217\221\113\251\212\274\322\146\252\223\001\210\262
\221\372\061\134\325\246\301\122\010\011\315\012\143\242\323\042
\246\350\241\331\071\006\227\365\156\215\002\220\214\024\173\077
\200\315\033\234\272\304\130\162\043\257\266\126\237\306\172\102
\063\051\007\077\202\311\346\037\005\015\315\114\050\066\213\323
\310\076\034\306\210\357\136\356\211\144\351\035\353\332\211\176
\062\246\151\321\335\314\210\237\321\320\311\146\041\334\006\147
\305\224\172\232\155\142\114\175\314\340\144\200\262\236\107\216
\243\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125
\035\016\004\026\004\024\210\150\277\340\216\065\304\073\070\153
\142\367\050\073\204\201\310\014\327\115\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\073\002
\215\313\074\060\350\156\240\255\362\163\263\137\236\045\023\004
\005\323\366\343\213\273\013\171\316\123\336\344\226\305\321\257
\163\274\325\303\320\100\125\174\100\177\315\033\137\011\325\362
\174\237\150\035\273\135\316\172\071\302\214\326\230\173\305\203
\125\250\325\175\100\312\340\036\367\211\136\143\135\241\023\302
\135\212\266\212\174\000\363\043\303\355\205\137\161\166\360\150
\143\252\105\041\071\110\141\170\066\334\361\103\223\324\045\307
\362\200\145\341\123\002\165\121\374\172\072\357\067\253\204\050
\127\014\330\324\324\231\126\154\343\242\376\131\204\264\061\350
\063\370\144\224\224\121\227\253\071\305\113\355\332\335\200\013
\157\174\051\015\304\216\212\162\015\347\123\024\262\140\101\075
\204\221\061\150\075\047\104\333\345\336\364\372\143\105\310\114
\076\230\365\077\101\272\116\313\067\015\272\146\230\361\335\313
\237\134\367\124\066\202\153\054\274\023\141\227\102\370\170\273
\314\310\242\237\312\360\150\275\153\035\262\337\215\157\007\235
\332\216\147\307\107\036\312\271\277\052\102\221\267\143\123\146
\361\102\243\341\364\132\115\130\153\265\344\244\063\255\134\160
\035\334\340\362\353\163\024\221\232\003\301\352\000\145\274\007
\374\317\022\021\042\054\256\240\275\072\340\242\052\330\131\351
\051\323\030\065\244\254\021\137\031\265\265\033\377\042\112\134
\306\172\344\027\357\040\251\247\364\077\255\212\247\232\004\045

```
\235\016\312\067\346\120\375\214\102\051\004\232\354\271\317\113
\162\275\342\010\066\257\043\057\142\345\312\001\323\160\333\174
\202\043\054\026\061\014\306\066\007\220\172\261\037\147\130\304
\073\130\131\211\260\214\214\120\263\330\206\313\150\243\304\012
\347\151\113\040\316\301\036\126\113\225\251\043\150\330\060\330
\303\353\260\125\121\315\345\375\053\270\365\273\021\237\123\124
\366\064\031\214\171\011\066\312\141\027\045\027\013\202\230\163
\014\167\164\303\325\015\307\250\022\114\307\247\124\161\107\056
\054\032\175\311\343\053\073\110\336\047\204\247\143\066\263\175
\217\240\144\071\044\015\075\173\207\257\146\134\164\033\113\163
\262\345\214\360\206\231\270\345\305\337\204\301\267\353
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "DigiNotar Root CA"

Issuer: 1.2.840.113549.1.9.1=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL

Serial Number:0c:76:da:9c:91:0c:4e:2c:9e:fe:15:d0:58:93:3c:4c

Subject: 1.2.840.113549.1.9.1=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL

Not Valid Before: Wed May 16 17:19:36 2007

Not Valid After: Mon Mar 31 18:19:21 2025

Fingerprint (MD5): 7a:79:54:4d:07:92:3b:5b:ff:41:f0:0e:c7:39:a2:98

Fingerprint (SHA1): c0:60:ed:44:cb:d8:81:bd:0e:f8:6c:0b:a2:87:dd:cf:81:67:47:8c

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiNotar Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\300\140\355\104\313\330\201\275\016\370\154\013\242\207\335\317
\201\147\107\214
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\172\171\124\115\007\222\073\133\377\101\360\016\307\071\242\230
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\014\166\332\234\221\014\116\054\236\376\025\320\130\223
```

```
\074\114
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Starfield Services Root Certificate Authority"
# Issuer: CN=Starfield Services Root Certificate
Authority,OU=http://certificates.starfieldtech.com/repository/,O=Starfield Technologies,
Inc.,L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Services Root Certificate
Authority,OU=http://certificates.starfieldtech.com/repository/,O=Starfield Technologies,
Inc.,L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Mon Jun 02 00:00:00 2008
# Not Valid After: Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): cf:8f:3b:62:a3:ca:ca:71:1b:a3:e1:cb:48:57:35:1f
# Fingerprint (SHA1): 5d:00:38:60:f0:02:ed:82:9d:ea:a4:18:68:f7:88:18:6d:62:12:7f
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
```

```
\060\201\317\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\072
\060\070\006\003\125\004\013\023\061\150\164\164\160\072\057\057
\143\145\162\164\151\146\151\143\141\164\145\163\056\163\164\141
\162\146\151\145\154\144\164\145\143\150\056\143\157\155\057\162
\145\160\157\163\151\164\157\162\171\057\061\066\060\064\006\003
\125\004\003\023\055\123\164\141\162\146\151\145\154\144\040\123
\145\162\166\151\143\145\163\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171
```

```
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\317\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
```


\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\072
\060\070\006\003\125\004\013\023\061\150\164\164\160\072\057\057
\143\145\162\164\151\146\151\143\141\164\145\163\056\163\164\141
\162\146\151\145\154\144\164\145\143\150\056\143\157\155\057\162
\145\160\157\163\151\164\157\162\171\057\061\066\060\064\006\003
\125\004\003\023\055\123\164\141\162\146\151\145\154\144\040\123
\145\162\166\151\143\145\163\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\176\060\202\003\146\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\317\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156
\157\154\157\147\151\145\163\054\040\111\156\143\056\061\072\060
\070\006\003\125\004\013\023\061\150\164\164\160\072\057\057\143
\145\162\164\151\146\151\143\141\164\145\163\056\163\164\141\162
\146\151\145\154\144\164\145\143\150\056\143\157\155\057\162\145
\160\157\163\151\164\157\162\171\057\061\066\060\064\006\003\125
\004\003\023\055\123\164\141\162\146\151\145\154\144\040\123\145
\162\166\151\143\145\163\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\060\036\027\015\060\070\060\066\060\062\060\060\060\060\060
\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065\071
\132\060\201\317\061\013\060\011\006\003\125\004\006\023\002\125
\123\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172
\157\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143
\157\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061
\072\060\070\006\003\125\004\013\023\061\150\164\164\160\072\057
\057\143\145\162\164\151\146\151\143\141\164\145\163\056\163\164
\141\162\146\151\145\154\144\164\145\143\150\056\143\157\155\057
\162\145\160\157\163\151\164\157\162\171\057\061\066\060\064\006
\003\125\004\003\023\055\123\164\141\162\146\151\145\154\144\040
\123\145\162\166\151\143\145\163\040\122\157\157\164\040\103\145
\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162
\151\164\171\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\362\314\126\052\115\346\026\067\132\227\352\155

\065\070\321\020\233\333\270\334\251\004\011\225\063\056\011\305
\000\173\032\170\102\217\310\364\005\216\376\322\150\203\036\116
\231\315\027\333\107\076\120\363\211\322\347\334\230\373\005\370
\252\326\143\364\124\115\301\161\003\260\037\033\166\263\032\064
\060\163\361\050\062\140\203\375\264\234\327\266\322\042\067\174
\031\252\073\336\023\020\151\156\134\006\323\157\243\362\146\132
\166\102\110\257\200\321\124\131\075\324\271\324\333\355\271\253
\071\231\364\356\142\253\341\170\162\173\330\070\215\100\266\314
\334\022\000\160\103\205\151\330\030\343\312\127\162\237\264\337
\077\374\042\250\102\122\365\167\133\231\360\126\055\046\160\026
\066\022\302\047\236\127\246\174\320\043\361\171\334\243\223\130
\050\070\075\237\255\066\103\356\067\373\370\371\103\255\310\126
\362\224\022\136\102\353\163\270\023\015\313\246\325\206\271\252
\050\152\124\003\241\077\017\051\353\011\000\350\077\136\242\177
\027\075\241\053\370\276\320\165\035\244\204\343\253\027\145\006
\122\000\257\261\002\003\001\000\001\243\143\060\141\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035
\006\003\125\035\016\004\026\004\024\264\306\177\032\103\314\233
\165\135\057\304\113\362\213\230\020\351\361\121\020\060\037\006
\003\125\035\043\004\030\060\026\200\024\264\306\177\032\103\314
\233\165\135\057\304\113\362\213\230\020\351\361\121\020\060\015
\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001
\001\000\254\200\273\304\045\005\013\130\244\344\176\051\176\257
\274\073\354\055\300\104\056\371\221\340\322\073\062\047\220\055
\366\200\011\134\302\253\145\044\332\070\020\106\304\111\322\375
\232\253\050\110\167\210\306\351\157\321\107\221\325\065\117\024
\011\250\133\100\007\035\174\161\126\313\211\102\324\277\141\300
\042\367\056\337\253\363\162\103\213\100\350\224\353\260\046\332
\321\023\323\253\320\066\055\056\072\225\263\167\056\025\071\030
\014\151\272\252\200\355\361\123\116\063\233\150\004\342\240\060
\056\327\321\135\324\246\146\235\204\346\347\273\074\211\273\066
\235\374\027\251\075\125\053\212\373\233\304\114\204\377\337\322
\276\151\033\164\260\250\366\352\260\234\262\051\164\201\114\150
\072\232\177\163\045\071\365\023\340\146\221\151\324\127\113\267
\356\255\105\340\054\303\210\323\276\224\111\211\037\377\160\325
\133\155\071\023\260\035\313\230\346\147\143\015\143\366\373\303
\327\141\162\203\210\077\160\176\123\311\236\211\124\326\117\177
\175\161\271\256\361\140\213\167\140\354\370\277\372\152\243\234
\001\042

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Starfield Services Root Certificate Authority"
Issuer: CN=Starfield Services Root Certificate

```

Authority,OU=http://certificates.starfieldtech.com/repository/,O=Starfield Technologies\,
Inc.,L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Services Root Certificate
Authority,OU=http://certificates.starfieldtech.com/repository/,O=Starfield Technologies\,
Inc.,L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Mon Jun 02 00:00:00 2008
# Not Valid After: Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): cf:8f:3b:62:a3:ca:ca:71:1b:a3:e1:cb:48:57:35:1f
# Fingerprint (SHA1): 5d:00:38:60:f0:02:ed:82:9d:ea:a4:18:68:f7:88:18:6d:62:12:7f
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\135\000\070\140\360\002\355\202\235\352\244\030\150\367\210\030
\155\142\022\177
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\317\217\073\142\243\312\312\161\033\243\341\313\110\127\065\037
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\317\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\072
\060\070\006\003\125\004\013\023\061\150\164\164\160\072\057\057
\143\145\162\164\151\146\151\143\141\164\145\163\056\163\164\141
\162\146\151\145\154\144\164\145\143\150\056\143\157\155\057\162
\145\160\157\163\151\164\157\162\171\057\061\066\060\064\006\003
\125\004\003\023\055\123\164\141\162\146\151\145\154\144\040\123
\145\162\166\151\143\145\163\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "I.CA - Qualified root certificate"

```

```
# Issuer: O=První certifikační autorita, a.s.,CN=I.CA - Qualified root certificate,C=CZ
# Serial Number:9d:2a:60
# Subject: O=První certifikační autorita, a.s.,CN=I.CA - Qualified root certificate,C=CZ
# Not Valid Before: Tue Apr 01 00:00:00 2008
# Not Valid After: Sun Apr 01 00:00:00 2018
# Fingerprint (MD5): 48:d1:1e:62:78:01:c2:6e:43:69:a4:2c:ee:13:0a:b5
# Fingerprint (SHA1): 64:90:2a:d7:27:7a:f3:e3:2c:d8:cc:1d:c7:9d:e1:fd:7f:80:69:ea
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "I.CA - Qualified root certificate"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\103\132\061
\052\060\050\006\003\125\004\003\014\041\111\056\103\101\040\055
\040\121\165\141\154\151\146\151\145\144\040\162\157\157\164\040
\143\145\162\164\151\146\151\143\141\164\145\061\055\060\053\006
\003\125\004\012\014\044\120\162\166\156\303\255\040\143\145\162
\164\151\146\151\153\141\304\215\156\303\255\040\141\165\164\157
\162\151\164\141\054\040\141\056\163\056
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\103\132\061
\052\060\050\006\003\125\004\003\014\041\111\056\103\101\040\055
\040\121\165\141\154\151\146\151\145\144\040\162\157\157\164\040
\143\145\162\164\151\146\151\143\141\164\145\061\055\060\053\006
\003\125\004\012\014\044\120\162\166\156\303\255\040\143\145\162
\164\151\146\151\153\141\304\215\156\303\255\040\141\165\164\157
\162\151\164\141\054\040\141\056\163\056
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\235\052\140
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\071\060\202\003\041\240\003\002\001\002\002\004\000
\235\052\140\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\150\061\013\060\011\006\003\125\004\006\023\002\103
\132\061\052\060\050\006\003\125\004\003\014\041\111\056\103\101
\040\055\040\121\165\141\154\151\146\151\145\144\040\162\157\157
\164\040\143\145\162\164\151\146\151\143\141\164\145\061\055\060
\053\006\003\125\004\012\014\044\120\162\166\156\303\255\040\143
\145\162\164\151\146\151\153\141\304\215\156\303\255\040\141\165
\164\157\162\151\164\141\054\040\141\056\163\056\060\036\027\015
\060\070\060\064\060\061\060\060\060\060\060\060\132\027\015\061
\070\060\064\060\061\060\060\060\060\060\132\060\150\061\013
\060\011\006\003\125\004\006\023\002\103\132\061\052\060\050\006
```

\003\125\004\003\014\041\111\056\103\101\040\055\040\121\165\141
\154\151\146\151\145\144\040\162\157\157\164\040\143\145\162\164
\151\146\151\143\141\164\145\061\055\060\053\006\003\125\004\012
\014\044\120\162\166\156\303\255\040\143\145\162\164\151\146\151
\153\141\304\215\156\303\255\040\141\165\164\157\162\151\164\141
\054\040\141\056\163\056\060\202\001\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202
\001\012\002\202\001\001\000\253\010\210\244\360\164\362\237\370
\333\326\167\215\060\031\076\246\305\307\212\305\275\335\346\002
\256\216\075\120\165\270\257\175\066\253\376\365\355\010\147\264
\000\212\230\301\003\143\210\121\362\033\066\211\164\132\055\310
\304\202\304\077\271\210\375\154\375\072\035\025\005\104\225\200
\032\246\206\313\041\165\220\205\134\260\160\000\207\064\250\321
\037\111\375\154\070\155\152\254\270\105\237\274\024\327\146\324
\041\343\047\012\215\165\340\132\057\012\113\264\347\176\163\243
\052\275\160\361\221\206\010\217\277\220\204\034\207\251\365\231
\045\045\224\301\343\156\007\301\113\007\133\124\374\064\313\106
\067\234\305\241\040\316\246\254\207\251\203\074\070\117\300\100
\363\351\377\233\327\071\166\344\023\043\165\265\377\241\102\256
\134\206\117\305\116\103\266\231\013\122\123\040\250\263\302\114
\323\000\054\025\322\131\154\012\237\041\265\163\026\171\036\206
\045\356\032\373\223\236\255\143\361\114\342\166\061\136\067\357
\374\320\251\066\344\371\021\351\172\374\120\347\101\043\003\064
\270\175\272\016\317\335\123\002\003\001\000\001\243\201\352\060
\201\347\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\201\244\006\003\125\035\040\004\201\234\060\201
\231\060\201\226\006\014\053\006\001\004\001\201\270\110\001\004
\000\001\060\201\205\060\201\202\006\010\053\006\001\005\005\007
\002\002\060\166\032\164\124\145\156\164\157\040\143\145\162\164
\151\146\151\153\141\164\040\152\145\040\166\171\144\141\156\040
\152\141\153\157\040\153\166\141\154\151\146\151\153\157\166\141
\156\171\040\163\171\163\164\145\155\157\166\171\040\143\145\162
\164\151\146\151\153\141\164\040\166\040\163\157\165\154\141\144
\165\040\163\145\040\172\141\153\157\156\145\155\040\062\062\067
\057\062\060\060\060\040\123\142\056\040\166\040\160\154\141\164
\156\145\155\040\172\156\145\156\151\056\060\035\006\003\125\035
\016\004\026\004\024\150\235\176\326\304\045\071\373\073\240\067
\326\117\334\214\321\172\360\126\131\060\015\006\011\052\206\110
\206\367\015\001\001\005\005\000\003\202\001\001\000\162\365\274
\006\215\322\054\226\362\202\333\130\173\107\360\100\144\345\056
\033\357\372\340\372\323\361\162\110\001\104\362\210\364\336\230
\201\123\204\347\175\116\107\347\061\067\126\256\263\301\060\157
\306\253\110\203\365\230\123\122\151\052\050\301\100\145\353\145
\347\264\060\013\360\253\016\245\022\045\277\364\120\135\277\243
\176\345\321\164\370\012\050\256\102\234\260\024\122\304\240\140
\135\367\105\027\102\272\102\055\233\222\373\156\224\263\160\107
\040\010\235\123\360\260\255\275\251\204\132\335\007\052\014\315

```
\053\155\141\050\337\073\222\050\354\121\201\177\121\174\216\056
\177\235\351\274\301\064\075\213\255\201\255\361\036\164\146\103
\074\101\115\270\056\063\117\261\072\036\333\022\337\066\216\161
\377\127\143\261\326\217\264\075\206\022\152\317\102\060\264\223
\026\352\231\352\002\133\376\010\356\262\117\160\277\063\000\347
\172\112\070\241\362\110\221\246\036\313\043\262\070\235\360\056
\111\242\311\210\126\145\145\216\072\147\105\214\214\013\342\252
\261\113\007\377\261\037\272\024\317\162\372\247\170
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "I.CA - Qualified root certificate"
```

```
# Issuer: O=První certifikační autorita, a.s.,CN=I.CA - Qualified root certificate,C=CZ
```

```
# Serial Number:9d:2a:60
```

```
# Subject: O=První certifikační autorita, a.s.,CN=I.CA - Qualified root certificate,C=CZ
```

```
# Not Valid Before: Tue Apr 01 00:00:00 2008
```

```
# Not Valid After: Sun Apr 01 00:00:00 2018
```

```
# Fingerprint (MD5): 48:d1:1e:62:78:01:c2:6e:43:69:a4:2c:ee:13:0a:b5
```

```
# Fingerprint (SHA1): 64:90:2a:d7:27:7a:f3:e3:2c:d8:cc:1d:c7:9d:e1:fd:7f:80:69:ea
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "I.CA - Qualified root certificate"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\144\220\052\327\047\172\363\343\054\330\314\035\307\235\341\375
\177\200\151\352
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\110\321\036\142\170\001\302\156\103\151\244\054\356\023\012\265
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\150\061\013\060\011\006\003\125\004\006\023\002\103\132\061
\052\060\050\006\003\125\004\003\014\041\111\056\103\101\040\055
\040\121\165\141\154\151\146\151\145\144\040\162\157\157\164\040
\143\145\162\164\151\146\151\143\141\164\145\061\055\060\053\006
\003\125\004\012\014\044\120\162\166\156\303\255\040\143\145\162
\164\151\146\151\153\141\304\215\156\303\255\040\141\165\164\157
\162\151\164\141\054\040\141\056\163\056
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\004\000\235\052\140
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "I.CA - Standard root certificate"
Issuer: O=Prvni certifikacni autorita a.s.,CN=I.CA - Standard root certificate,C=CZ
Serial Number:13:d6:20
Subject: O=Prvni certifikacni autorita a.s.,CN=I.CA - Standard root certificate,C=CZ
Not Valid Before: Tue Apr 01 00:00:00 2008
Not Valid After: Sun Apr 01 00:00:00 2018
Fingerprint (MD5): 04:68:e9:24:7e:41:ce:d7:6c:44:16:30:70:3d:dd:b9
Fingerprint (SHA1): ab:16:dd:14:4e:cd:c0:fc:4b:aa:b6:2e:cf:04:08:89:6f:de:52:b7

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "I.CA - Standard root certificate"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\103\132\061
\051\060\047\006\003\125\004\003\023\040\111\056\103\101\040\055
\040\123\164\141\156\144\141\162\144\040\162\157\157\164\040\143
\145\162\164\151\146\151\143\141\164\145\061\051\060\047\006\003
\125\004\012\023\040\120\162\166\156\151\040\143\145\162\164\151
\146\151\153\141\143\156\151\040\141\165\164\157\162\151\164\141
\040\141\056\163\056

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\103\132\061
\051\060\047\006\003\125\004\003\023\040\111\056\103\101\040\055
\040\123\164\141\156\144\141\162\144\040\162\157\157\164\040\143
\145\162\164\151\146\151\143\141\164\145\061\051\060\047\006\003
\125\004\012\023\040\120\162\166\156\151\040\143\145\162\164\151
\146\151\153\141\143\156\151\040\141\165\164\157\162\151\164\141
\040\141\056\163\056

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\003\023\326\040

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\056\060\202\003\026\240\003\002\001\002\002\003\023
\326\040\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\143\061\013\060\011\006\003\125\004\006\023\002\103\132
\061\051\060\047\006\003\125\004\003\023\040\111\056\103\101\040
\055\040\123\164\141\156\144\141\162\144\040\162\157\157\164\040
\143\145\162\164\151\146\151\143\141\164\145\061\051\060\047\006
\003\125\004\012\023\040\120\162\166\156\151\040\143\145\162\164

\151\146\151\153\141\143\156\151\040\141\165\164\157\162\151\164
\141\040\141\056\163\056\060\036\027\015\060\070\060\064\060\061
\060\060\060\060\060\060\132\027\015\061\070\060\064\060\061\060
\060\060\060\060\060\132\060\143\061\013\060\011\006\003\125\004
\006\023\002\103\132\061\051\060\047\006\003\125\004\003\023\040
\111\056\103\101\040\055\040\123\164\141\156\144\141\162\144\040
\162\157\157\164\040\143\145\162\164\151\146\151\143\141\164\145
\061\051\060\047\006\003\125\004\012\023\040\120\162\166\156\151
\040\143\145\162\164\151\146\151\153\141\143\156\151\040\141\165
\164\157\162\151\164\141\040\141\056\163\056\060\202\001\042\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\001\017\000\060\202\001\012\002\202\001\001\000\321\055\025\304
\071\114\152\241\304\345\363\053\264\375\251\026\351\270\121\217
\067\221\331\247\323\227\220\266\160\151\207\365\257\131\322\142
\101\130\325\363\225\215\002\025\372\146\234\301\041\024\330\037
\255\372\052\154\164\126\241\142\341\361\260\255\270\376\322\243
\340\221\241\265\256\123\255\215\244\015\017\131\140\227\052\374
\243\056\163\065\043\163\314\250\246\241\024\155\277\211\303\204
\070\363\144\131\314\061\363\340\371\047\140\012\074\101\005\157
\132\122\360\217\156\122\156\354\136\210\157\340\100\214\041\107
\127\042\351\070\156\346\372\363\044\264\256\257\057\163\077\200
\325\062\217\214\331\204\031\330\140\316\333\151\215\076\257\002
\257\256\336\257\120\365\317\346\263\141\030\304\340\335\360\116
\112\146\015\172\163\040\267\344\324\223\206\107\141\330\117\312
\072\216\253\302\077\306\042\027\243\135\235\040\306\305\016\044
\151\310\246\175\146\006\315\106\346\063\341\103\164\223\365\203
\142\322\260\105\042\001\244\166\275\353\121\223\130\154\372\032
\241\237\165\200\332\330\000\342\361\210\115\077\002\003\001\000
\001\243\201\352\060\201\347\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\035\006\003\125\035\016\004
\026\004\024\353\067\244\276\271\157\140\027\373\323\377\055\140
\341\004\036\257\317\306\323\060\201\244\006\003\125\035\040\004
\201\234\060\201\231\060\201\226\006\014\053\006\001\004\001\201
\270\110\001\001\000\001\060\201\205\060\201\202\006\010\053\006
\001\005\005\007\002\002\060\166\032\164\124\145\156\164\157\040
\143\145\162\164\151\146\151\153\141\164\040\152\145\040\166\171
\144\141\156\040\152\141\153\157\040\153\166\141\154\151\146\151
\153\157\166\141\156\171\040\163\171\163\164\145\155\157\166\171
\040\143\145\162\164\151\146\151\153\141\164\040\166\040\163\157
\165\154\141\144\165\040\163\145\040\172\141\153\157\156\145\155
\040\062\062\067\057\062\060\060\060\040\123\142\056\040\166\040
\160\154\141\164\156\145\155\040\172\156\145\156\151\056\060\015
\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001
\001\000\027\042\130\252\057\030\125\002\241\114\066\111\067\113
\233\163\272\256\143\066\016\213\053\204\105\067\314\372\340\147
\367\240\163\152\147\150\126\274\141\250\064\232\050\272\146\054
\141\233\213\034\370\004\160\214\206\343\101\357\224\171\015\335


```
\064\207\004\356\265\236\061\153\071\364\176\130\345\362\260\004
\115\251\127\045\111\340\013\325\344\354\175\016\076\073\001\340
\214\374\122\220\223\346\362\260\253\365\061\167\314\321\311\103
\202\253\017\056\264\371\230\256\076\343\104\364\244\003\151\125
\332\134\216\333\301\271\254\344\230\325\166\025\106\241\056\132
\014\042\140\240\302\353\160\177\161\003\260\150\323\061\144\315
\352\313\113\125\211\202\076\134\146\313\032\010\230\107\302\336
\331\056\070\114\005\375\055\214\372\343\042\045\271\222\375\326
\262\055\312\242\064\234\337\111\357\325\204\001\054\222\377\005
\101\012\147\306\102\153\236\313\330\237\220\274\015\017\020\175
\307\146\275\352\163\007\340\030\352\121\201\264\105\100\074\017
\241\042\067\025\001\205\251\056\174\016\137\135\316\152\223\276
\331\276
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "I.CA - Standard root certificate"
# Issuer: O=Prvni certifikacni autorita a.s.,CN=I.CA - Standard root certificate,C=CZ
# Serial Number:13:d6:20
# Subject: O=Prvni certifikacni autorita a.s.,CN=I.CA - Standard root certificate,C=CZ
# Not Valid Before: Tue Apr 01 00:00:00 2008
# Not Valid After: Sun Apr 01 00:00:00 2018
# Fingerprint (MD5): 04:68:e9:24:7e:41:ce:d7:6c:44:16:30:70:3d:dd:b9
# Fingerprint (SHA1): ab:16:dd:14:4e:cd:c0:fc:4b:aa:b6:2e:cf:04:08:89:6f:de:52:b7
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "I.CA - Standard root certificate"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\253\026\335\024\116\315\300\374\113\252\266\056\317\004\010\211
\157\336\122\267
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\004\150\351\044\176\101\316\327\154\104\026\060\160\075\335\271
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\103\132\061
\051\060\047\006\003\125\004\003\023\040\111\056\103\101\040\055
\040\123\164\141\156\144\141\162\144\040\162\157\157\164\040\143
\145\162\164\151\146\151\143\141\164\145\061\051\060\047\006\003
\125\004\012\023\040\120\162\166\156\151\040\143\145\162\164\151
\146\151\153\141\143\156\151\040\141\165\164\157\162\151\164\141
\040\141\056\163\056
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\023\326\040
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "e-Guven Kok Elektronik Sertifika Hizmet Saglayicisi"
# Issuer: CN=e-Guven Kok Elektronik Sertifika Hizmet Saglayicisi,O=Elektronik Bilgi Guvenligi A.S.,C=TR
# Serial Number:44:99:8d:3c:c0:03:27:bd:9c:76:95:b9:ea:db:ac:b5
# Subject: CN=e-Guven Kok Elektronik Sertifika Hizmet Saglayicisi,O=Elektronik Bilgi Guvenligi A.S.,C=TR
# Not Valid Before: Thu Jan 04 11:32:48 2007
# Not Valid After: Wed Jan 04 11:32:48 2017
# Fingerprint (MD5): 3d:41:29:cb:1e:aa:11:74:cd:5d:b0:62:af:b0:43:5b
# Fingerprint (SHA1): dd:e1:d2:a9:01:80:2e:1d:87:5e:84:b3:80:7e:4b:b1:fd:99:41:34
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "e-Guven Kok Elektronik Sertifika Hizmet Saglayicisi"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\050\060\046\006\003\125\004\012\023\037\105\154\145\153\164\162
\157\156\151\153\040\102\151\154\147\151\040\107\165\166\145\156
\154\151\147\151\040\101\056\123\056\061\074\060\072\006\003\125
\004\003\023\063\145\055\107\165\166\145\156\040\113\157\153\040
\105\154\145\153\164\162\157\156\151\153\040\123\145\162\164\151
\146\151\153\141\040\110\151\172\155\145\164\040\123\141\147\154
\141\171\151\143\151\163\151
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\050\060\046\006\003\125\004\012\023\037\105\154\145\153\164\162
\157\156\151\153\040\102\151\154\147\151\040\107\165\166\145\156
\154\151\147\151\040\101\056\123\056\061\074\060\072\006\003\125
\004\003\023\063\145\055\107\165\166\145\156\040\113\157\153\040
\105\154\145\153\164\162\157\156\151\153\040\123\145\162\164\151
\146\151\153\141\040\110\151\172\155\145\164\040\123\141\147\154
\141\171\151\143\151\163\151
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\104\231\215\074\300\003\047\275\234\166\225\271\352\333
\254\265
END

```

CKA_VALUE MULTILINE_OCTAL

\060\202\003\266\060\202\002\236\240\003\002\001\002\002\020\104
\231\215\074\300\003\047\275\234\166\225\271\352\333\254\265\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\165
\061\013\060\011\006\003\125\004\006\023\002\124\122\061\050\060
\046\006\003\125\004\012\023\037\105\154\145\153\164\162\157\156
\151\153\040\102\151\154\147\151\040\107\165\166\145\156\154\151
\147\151\040\101\056\123\056\061\074\060\072\006\003\125\004\003
\023\063\145\055\107\165\166\145\156\040\113\157\153\040\105\154
\145\153\164\162\157\156\151\153\040\123\145\162\164\151\146\151
\153\141\040\110\151\172\155\145\164\040\123\141\147\154\141\171
\151\143\151\163\151\060\036\027\015\060\067\060\061\060\064\061
\061\063\062\064\070\132\027\015\061\067\060\061\060\064\061\061
\063\062\064\070\132\060\165\061\013\060\011\006\003\125\004\006
\023\002\124\122\061\050\060\046\006\003\125\004\012\023\037\105
\154\145\153\164\162\157\156\151\153\040\102\151\154\147\151\040
\107\165\166\145\156\154\151\147\151\040\101\056\123\056\061\074
\060\072\006\003\125\004\003\023\063\145\055\107\165\166\145\156
\040\113\157\153\040\105\154\145\153\164\162\157\156\151\153\040
\123\145\162\164\151\146\151\153\141\040\110\151\172\155\145\164
\040\123\141\147\154\141\171\151\143\151\163\151\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\303\022\040
\236\260\136\000\145\215\116\106\273\200\134\351\054\006\227\325
\363\162\311\160\271\347\113\145\200\301\113\276\176\074\327\124
\061\224\336\325\022\272\123\026\002\352\130\143\357\133\330\363
\355\052\032\252\161\110\243\334\020\055\137\137\353\134\113\234
\226\010\102\045\050\021\314\212\132\142\001\120\325\353\011\123
\057\370\303\217\376\263\374\375\235\242\343\137\175\276\355\013
\340\140\353\151\354\063\355\330\215\373\022\111\203\000\311\213
\227\214\073\163\052\062\263\022\367\271\115\362\364\115\155\307
\346\326\046\067\010\362\331\375\153\134\243\345\110\134\130\274
\102\276\003\132\201\272\034\065\014\000\323\365\043\176\161\060
\010\046\070\334\045\021\107\055\363\272\043\020\245\277\274\002
\367\103\136\307\376\260\067\120\231\173\017\223\316\346\103\054
\303\176\015\362\034\103\146\140\313\141\061\107\207\243\117\256
\275\126\154\114\274\274\370\005\312\144\364\351\064\241\054\265
\163\341\302\076\350\310\311\064\045\010\134\363\355\246\307\224
\237\255\210\103\045\327\341\071\140\376\254\071\131\002\003\001
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\237\356\104\263\224\325\372\221\117\056\331\125\232\004
\126\333\055\304\333\245\060\015\006\011\052\206\110\206\367\015
\001\001\005\005\000\003\202\001\001\000\177\137\271\123\133\143
\075\165\062\347\372\304\164\032\313\106\337\106\151\034\122\317
\252\117\302\150\353\377\200\251\121\350\075\142\167\211\075\012
\165\071\361\156\135\027\207\157\150\005\301\224\154\331\135\337

```
\332\262\131\313\245\020\212\312\314\071\315\237\353\116\336\122
\377\014\360\364\222\251\362\154\123\253\233\322\107\240\037\164
\367\233\232\361\057\025\237\172\144\060\030\007\074\052\017\147
\312\374\017\211\141\235\145\245\074\345\274\023\133\010\333\343
\377\355\273\006\273\152\006\261\172\117\145\306\202\375\036\234
\213\265\015\356\110\273\270\275\252\010\264\373\243\174\313\237
\315\220\166\134\206\226\170\127\012\146\371\130\032\235\375\227
\051\140\336\021\246\220\034\031\034\356\001\226\042\064\064\056
\221\371\267\304\047\321\173\346\277\373\200\104\132\026\345\353
\340\324\012\070\274\344\221\343\325\353\134\301\254\337\033\152
\174\236\345\165\322\266\227\207\333\314\207\053\103\072\204\010
\257\253\074\333\367\074\146\061\206\260\235\123\171\355\370\043
\336\102\343\055\202\361\017\345\372\227
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "e-Guven Kok Elektronik Sertifika Hizmet Saglayicisi"
```

```
# Issuer: CN=e-Guven Kok Elektronik Sertifika Hizmet Saglayicisi,O=Elektronik Bilgi Guvenligi A.S.,C=TR
```

```
# Serial Number:44:99:8d:3c:c0:03:27:bd:9c:76:95:b9:ea:db:ac:b5
```

```
# Subject: CN=e-Guven Kok Elektronik Sertifika Hizmet Saglayicisi,O=Elektronik Bilgi Guvenligi A.S.,C=TR
```

```
# Not Valid Before: Thu Jan 04 11:32:48 2007
```

```
# Not Valid After: Wed Jan 04 11:32:48 2017
```

```
# Fingerprint (MD5): 3d:41:29:cb:1e:aa:11:74:cd:5d:b0:62:af:b0:43:5b
```

```
# Fingerprint (SHA1): dd:e1:d2:a9:01:80:2e:1d:87:5e:84:b3:80:7e:4b:b1:fd:99:41:34
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "e-Guven Kok Elektronik Sertifika Hizmet Saglayicisi"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\335\341\322\251\001\200\056\035\207\136\204\263\200\176\113\261
\375\231\101\064
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\075\101\051\313\036\252\021\164\315\135\260\142\257\260\103\133
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\165\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\050\060\046\006\003\125\004\012\023\037\105\154\145\153\164\162
\157\156\151\153\040\102\151\154\147\151\040\107\165\166\145\156
\154\151\147\151\040\101\056\123\056\061\074\060\072\006\003\125
\004\003\023\063\145\055\107\165\166\145\156\040\113\157\153\040
\105\154\145\153\164\162\157\156\151\153\040\123\145\162\164\151
\146\151\153\141\040\110\151\172\155\145\164\040\123\141\147\154
\141\171\151\143\151\163\151
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\104\231\215\074\300\003\047\275\234\166\225\271\352\333
\254\265
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Japanese Government"
# Issuer: OU=ApplicationCA,O=Japanese Government,C=JP
# Serial Number: 49 (0x31)
# Subject: OU=ApplicationCA,O=Japanese Government,C=JP
# Not Valid Before: Wed Dec 12 15:00:00 2007
# Not Valid After: Tue Dec 12 15:00:00 2017
# Fingerprint (MD5): 7e:23:4e:5b:a7:a5:b4:25:e9:00:07:74:11:62:ae:d6
# Fingerprint (SHA1): 7f:8a:b0:cf:d0:51:87:6a:66:f3:36:0f:47:c8:8d:8c:d3:35:fc:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Japanese Government"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\034\060\032\006\003\125\004\012\023\023\112\141\160\141\156\145
\163\145\040\107\157\166\145\162\156\155\145\156\164\061\026\060
\024\006\003\125\004\013\023\015\101\160\160\154\151\143\141\164
\151\157\156\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\034\060\032\006\003\125\004\012\023\023\112\141\160\141\156\145
\163\145\040\107\157\166\145\162\156\155\145\156\164\061\026\060
\024\006\003\125\004\013\023\015\101\160\160\154\151\143\141\164
\151\157\156\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\061
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\240\060\202\002\210\240\003\002\001\002\002\001\061
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\103\061\013\060\011\006\003\125\004\006\023\002\112\120\061\034
\060\032\006\003\125\004\012\023\023\112\141\160\141\156\145\163

```

\145\040\107\157\166\145\162\156\155\145\156\164\061\026\060\024
\006\003\125\004\013\023\015\101\160\160\154\151\143\141\164\151
\157\156\103\101\060\036\027\015\060\067\061\062\061\062\061\065
\060\060\060\060\132\027\015\061\067\061\062\061\062\061\065\060
\060\060\060\132\060\103\061\013\060\011\006\003\125\004\006\023
\002\112\120\061\034\060\032\006\003\125\004\012\023\023\112\141
\160\141\156\145\163\145\040\107\157\166\145\162\156\155\145\156
\164\061\026\060\024\006\003\125\004\013\023\015\101\160\160\154
\151\143\141\164\151\157\156\103\101\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\247\155\340\164\116\207
\217\245\006\336\150\242\333\206\231\113\144\015\161\360\012\005
\233\216\252\341\314\056\322\152\073\301\172\264\227\141\215\212
\276\306\232\234\006\264\206\121\344\067\016\164\170\176\137\212
\177\224\244\327\107\010\375\120\132\126\344\150\254\050\163\240
\173\351\177\030\222\100\117\055\235\365\256\104\110\163\066\006
\236\144\054\073\064\043\333\134\046\344\161\171\217\324\156\171
\042\271\223\301\312\315\301\126\355\210\152\327\240\071\041\004
\127\054\242\365\274\107\101\117\136\064\042\225\265\037\051\155
\136\112\363\115\162\276\101\126\040\207\374\351\120\107\327\060
\024\356\134\214\125\272\131\215\207\374\043\336\223\320\004\214
\375\357\155\275\320\172\311\245\072\152\162\063\306\112\015\005
\027\052\055\173\261\247\330\326\360\276\364\077\352\016\050\155
\101\141\043\166\170\303\270\145\244\363\132\256\314\302\252\331
\347\130\336\266\176\235\205\156\237\052\012\157\237\003\051\060
\227\050\035\274\267\317\124\051\116\121\061\371\047\266\050\046
\376\242\143\346\101\026\360\063\230\107\002\003\001\000\001\243
\201\236\060\201\233\060\035\006\003\125\035\016\004\026\004\024
\124\132\313\046\077\161\314\224\106\015\226\123\352\153\110\320
\223\376\102\165\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\131\006\003\125\035\021\004\122\060\120\244
\116\060\114\061\013\060\011\006\003\125\004\006\023\002\112\120
\061\030\060\026\006\003\125\004\012\014\017\346\227\245\346\234
\254\345\233\275\346\224\277\345\272\234\061\043\060\041\006\003
\125\004\013\014\032\343\202\242\343\203\227\343\203\252\343\202
\261\343\203\274\343\202\267\343\203\247\343\203\263\103\101\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\001\001\000\071\152\104\166\167\070\072\354\243\147\106\017
\371\213\006\250\373\152\220\061\316\176\354\332\321\211\174\172
\353\056\014\275\231\062\347\260\044\326\303\377\365\262\210\011
\207\054\343\124\341\243\246\262\010\013\300\205\250\310\322\234
\161\366\035\237\140\374\070\063\023\341\236\334\013\137\332\026
\120\051\173\057\160\221\017\231\272\064\064\215\225\164\305\176
\170\251\146\135\275\312\041\167\102\020\254\146\046\075\336\221
\253\375\025\360\157\355\154\137\020\370\363\026\366\003\212\217
\247\022\021\014\313\375\077\171\301\234\375\142\356\243\317\124
\014\321\053\137\027\076\343\076\277\300\053\076\011\233\376\210

\246\176\264\222\027\374\043\224\201\275\156\247\305\214\302\353
\021\105\333\370\101\311\226\166\352\160\137\171\022\153\344\243
\007\132\005\357\047\111\317\041\237\212\114\011\160\146\251\046
\301\053\021\116\063\322\016\374\326\154\322\016\062\144\150\377
\255\005\170\137\003\035\250\343\220\254\044\340\017\100\247\113
\256\213\050\267\202\312\030\007\346\267\133\164\351\040\031\177
\262\033\211\124

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Japanese Government"

Issuer: OU=ApplicationCA,O=Japanese Government,C=JP

Serial Number: 49 (0x31)

Subject: OU=ApplicationCA,O=Japanese Government,C=JP

Not Valid Before: Wed Dec 12 15:00:00 2007

Not Valid After: Tue Dec 12 15:00:00 2017

Fingerprint (MD5): 7e:23:4e:5b:a7:a5:b4:25:e9:00:07:74:11:62:ae:d6

Fingerprint (SHA1): 7f:8a:b0:cf:d0:51:87:6a:66:f3:36:0f:47:c8:8d:8c:d3:35:fc:74

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Japanese Government"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\177\212\260\317\320\121\207\152\146\363\066\017\107\310\215\214
\323\065\374\164

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\176\043\116\133\247\245\264\045\351\000\007\164\021\142\256\326

END

CKA_ISSUER MULTILINE_OCTAL

\060\103\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\034\060\032\006\003\125\004\012\023\023\112\141\160\141\156\145
\163\145\040\107\157\166\145\162\156\155\145\156\164\061\026\060
\024\006\003\125\004\013\023\015\101\160\160\154\151\143\141\164
\151\157\156\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\061

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Certificate "AdminCA-CD-T01"
# Issuer: CN=AdminCA-CD-T01,OU=Certification Authorities,OU=Services,O=admin,C=CH
# Serial Number: 1 (0x1)
# Subject: CN=AdminCA-CD-T01,OU=Certification Authorities,OU=Services,O=admin,C=CH
# Not Valid Before: Wed Jan 25 13:36:19 2006
# Not Valid After: Mon Jan 25 12:36:19 2016
# Fingerprint (MD5): 5b:9e:fd:3b:60:35:ea:68:8e:52:fe:13:19:14:4a:a3
# Fingerprint (SHA1): 6b:81:44:6a:5c:dd:f4:74:a0:f8:00:ff:be:69:fd:0d:b6:28:75:16
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AdminCA-CD-T01"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\016\060\014\006\003\125\004\012\023\005\141\144\155\151\156\061
\021\060\017\006\003\125\004\013\023\010\123\145\162\166\151\143
\145\163\061\042\060\040\006\003\125\004\013\023\031\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\151\145\163\061\027\060\025\006\003\125\004\003\023
\016\101\144\155\151\156\103\101\055\103\104\055\124\060\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\016\060\014\006\003\125\004\012\023\005\141\144\155\151\156\061
\021\060\017\006\003\125\004\013\023\010\123\145\162\166\151\143
\145\163\061\042\060\040\006\003\125\004\013\023\031\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\151\145\163\061\027\060\025\006\003\125\004\003\023
\016\101\144\155\151\156\103\101\055\103\104\055\124\060\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\115\060\202\003\065\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061\016
\060\014\006\003\125\004\012\023\005\141\144\155\151\156\061\021
\060\017\006\003\125\004\013\023\010\123\145\162\166\151\143\145
\163\061\042\060\040\006\003\125\004\013\023\031\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\151\145\163\061\027\060\025\006\003\125\004\003\023\016
\101\144\155\151\156\103\101\055\103\104\055\124\060\061\060\036
\027\015\060\066\060\061\062\065\061\063\063\066\061\071\132\027
```


\015\061\066\060\061\062\065\061\062\063\066\061\071\132\060\155
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\016\060
\014\006\003\125\004\012\023\005\141\144\155\151\156\061\021\060
\017\006\003\125\004\013\023\010\123\145\162\166\151\143\145\163
\061\042\060\040\006\003\125\004\013\023\031\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\151\145\163\061\027\060\025\006\003\125\004\003\023\016\101
\144\155\151\156\103\101\055\103\104\055\124\060\061\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\322\064
\045\061\231\251\054\070\125\370\143\121\365\060\050\110\331\136
\046\004\001\343\020\027\044\102\320\177\237\362\110\307\350\024
\016\014\232\062\252\141\164\044\007\243\006\076\344\012\301\037
\127\105\024\217\177\255\157\251\277\030\076\307\143\106\150\051
\157\041\301\161\107\171\267\103\174\105\176\260\105\225\047\074
\305\276\154\040\250\331\132\200\123\205\305\156\171\134\332\001
\312\151\251\264\301\324\355\154\024\327\022\113\364\211\342\007
\177\020\237\027\025\352\112\304\253\353\102\044\027\375\277\305
\272\300\201\137\320\017\234\207\223\242\036\361\367\200\125\154
\042\345\113\132\026\253\156\340\270\205\022\035\220\063\054\154
\073\054\365\071\313\312\316\103\066\203\316\367\267\050\204\356
\074\314\201\223\376\133\015\355\211\271\066\027\337\236\351\227
\242\007\176\323\054\351\225\266\370\051\232\274\054\341\370\210
\254\123\127\021\204\226\005\132\324\115\271\374\325\116\073\311
\154\316\201\376\137\020\163\364\355\264\125\345\003\202\314\051
\275\366\243\142\232\306\313\350\041\273\235\076\374\011\002\003
\001\000\001\243\201\367\060\201\364\060\022\006\003\125\035\023
\001\001\377\004\010\060\006\001\001\377\002\001\000\060\201\256
\006\003\125\035\040\004\201\246\060\201\243\060\201\240\006\010
\140\205\164\001\021\003\025\001\060\201\223\060\110\006\010\053
\006\001\005\005\007\002\002\060\074\032\072\124\150\151\163\040
\151\163\040\164\150\145\040\101\144\155\151\156\103\101\055\103
\104\055\124\060\061\040\103\145\162\164\151\146\151\143\141\164
\145\040\120\162\141\143\164\151\143\145\040\123\164\141\164\145
\155\145\156\164\056\060\107\006\010\053\006\001\005\005\007\002
\001\026\073\150\164\164\160\072\057\057\167\167\167\056\160\153
\151\056\141\144\155\151\156\056\143\150\057\160\157\154\151\143
\171\057\103\120\123\137\062\137\061\066\137\067\065\066\137\061
\137\061\067\137\063\137\062\061\137\061\056\160\144\146\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035
\006\003\125\035\016\004\026\004\024\052\304\151\012\241\306\125
\306\003\156\160\316\206\201\263\244\017\252\031\333\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\237\176\172\155\273\254\214\216\140\224\145\321\103\120\321
\277\155\152\101\375\022\342\315\306\037\046\146\355\312\235\072
\101\145\170\316\364\002\260\123\372\103\217\344\331\273\256\124
\200\027\045\140\022\111\201\164\350\073\263\333\145\134\051\124
\311\346\105\236\236\224\021\204\124\162\050\317\067\300\365\125

```
\243\121\053\243\310\120\346\351\014\024\023\320\057\244\001\374
\106\367\076\057\333\324\364\113\024\370\262\000\035\013\374\120
\027\053\371\360\132\175\154\371\373\243\013\212\300\247\062\010
\175\127\113\050\277\006\236\027\024\102\345\054\346\242\200\026
\116\377\017\235\074\034\370\025\302\122\165\230\324\370\026\211
\320\115\347\050\010\307\225\050\116\346\213\201\111\231\332\047
\075\351\372\171\060\331\154\250\337\253\072\033\020\212\321\166
\344\110\376\071\212\170\210\033\201\146\303\006\144\242\166\005
\312\224\047\264\166\361\332\202\373\265\104\020\143\103\303\243
\306\306\004\307\017\313\361\266\217\347\134\212\246\121\226\311
\337\200\314\265\321\040\263\103\323\024\307\335\261\120\155\225
\172
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "AdminCA-CD-T01"
```

```
# Issuer: CN=AdminCA-CD-T01,OU=Certification Authorities,OU=Services,O=admin,C=CH
```

```
# Serial Number: 1 (0x1)
```

```
# Subject: CN=AdminCA-CD-T01,OU=Certification Authorities,OU=Services,O=admin,C=CH
```

```
# Not Valid Before: Wed Jan 25 13:36:19 2006
```

```
# Not Valid After: Mon Jan 25 12:36:19 2016
```

```
# Fingerprint (MD5): 5b:9e:fd:3b:60:35:ea:68:8e:52:fe:13:19:14:4a:a3
```

```
# Fingerprint (SHA1): 6b:81:44:6a:5c:dd:f4:74:a0:f8:00:ff:be:69:fd:0d:b6:28:75:16
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "AdminCA-CD-T01"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\153\201\104\152\134\335\364\164\240\370\000\377\276\151\375\015
\266\050\165\026
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\133\236\375\073\140\065\352\150\216\122\376\023\031\024\112\243
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\016\060\014\006\003\125\004\012\023\005\141\144\155\151\156\061
\021\060\017\006\003\125\004\013\023\010\123\145\162\166\151\143
\145\163\061\042\060\040\006\003\125\004\013\023\031\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\151\145\163\061\027\060\025\006\003\125\004\003\023
\016\101\144\155\151\156\103\101\055\103\104\055\124\060\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```

\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Admin-Root-CA"
# Issuer: CN=Admin-Root-CA,OU=Certification Authorities,OU=Services,O=admin,C=ch
# Serial Number:3b:f3:81:d0
# Subject: CN=Admin-Root-CA,OU=Certification Authorities,OU=Services,O=admin,C=ch
# Not Valid Before: Thu Nov 15 08:51:07 2001
# Not Valid After: Wed Nov 10 07:51:07 2021
# Fingerprint (MD5): f3:7e:3a:13:dc:74:63:06:74:1a:3c:38:32:8c:fb:a9
# Fingerprint (SHA1): 25:3f:77:5b:0e:77:97:ab:64:5f:15:91:55:97:c3:9e:26:36:31:d1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Admin-Root-CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\016\060\014\006\003\125\004\012\023\005\141\144\155\151\156\061
\021\060\017\006\003\125\004\013\023\010\123\145\162\166\151\143
\145\163\061\042\060\040\006\003\125\004\013\023\031\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\151\145\163\061\026\060\024\006\003\125\004\003\023
\015\101\144\155\151\156\055\122\157\157\164\055\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\016\060\014\006\003\125\004\012\023\005\141\144\155\151\156\061
\021\060\017\006\003\125\004\013\023\010\123\145\162\166\151\143
\145\163\061\042\060\040\006\003\125\004\013\023\031\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\151\145\163\061\026\060\024\006\003\125\004\003\023
\015\101\144\155\151\156\055\122\157\157\164\055\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\073\363\201\320
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\125\060\202\004\075\240\003\002\001\002\002\004\073
\363\201\320\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\154\061\013\060\011\006\003\125\004\006\023\002\143

```

\150\061\016\060\014\006\003\125\004\012\023\005\141\144\155\151
\156\061\021\060\017\006\003\125\004\013\023\010\123\145\162\166
\151\143\145\163\061\042\060\040\006\003\125\004\013\023\031\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\151\145\163\061\026\060\024\006\003\125\004
\003\023\015\101\144\155\151\156\055\122\157\157\164\055\103\101
\060\036\027\015\060\061\061\061\061\065\060\070\065\061\060\067
\132\027\015\062\061\061\061\061\060\060\067\065\061\060\067\132
\060\154\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\016\060\014\006\003\125\004\012\023\005\141\144\155\151\156\061
\021\060\017\006\003\125\004\013\023\010\123\145\162\166\151\143
\145\163\061\042\060\040\006\003\125\004\013\023\031\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\151\145\163\061\026\060\024\006\003\125\004\003\023
\015\101\144\155\151\156\055\122\157\157\164\055\103\101\060\202
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\313
\340\257\104\024\042\376\152\027\111\362\135\235\317\134\002\142
\013\200\271\132\277\250\125\063\173\243\022\044\136\114\157\073
\101\211\116\203\075\237\263\225\046\064\246\314\022\364\314\235
\207\136\075\014\015\027\057\205\046\076\052\046\131\163\241\250
\274\073\353\345\106\270\363\131\173\040\261\136\100\001\155\272
\147\263\153\353\357\305\342\371\065\335\014\152\006\266\232\050
\232\160\263\100\051\166\300\161\106\021\153\103\257\345\126\101
\373\346\034\071\203\115\267\366\242\261\146\311\250\015\262\360
\167\276\066\301\040\047\062\271\314\327\132\312\366\027\101\066
\115\373\273\125\201\143\234\223\136\203\153\177\270\025\167\162
\174\175\115\011\153\131\225\346\355\060\253\104\106\331\025\001
\245\133\211\145\266\340\050\331\050\010\225\176\010\043\262\042
\350\337\045\114\074\150\367\156\347\113\307\220\375\204\101\046
\276\134\203\072\327\043\171\267\032\370\007\031\202\132\151\130
\305\377\210\162\053\307\276\370\323\055\063\167\247\026\022\250
\213\041\306\102\256\172\144\257\362\263\300\355\167\344\151\002
\003\001\000\001\243\202\001\375\060\202\001\371\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\201\231
\006\003\125\035\040\004\201\221\060\201\216\060\201\213\006\010
\140\205\164\001\021\003\001\000\060\177\060\053\006\010\053\006
\001\005\005\007\002\002\060\037\032\035\124\150\151\163\040\151
\163\040\164\150\145\040\101\144\155\151\156\055\122\157\157\164
\055\103\101\040\103\120\123\060\120\006\010\053\006\001\005\005
\007\002\001\026\104\150\164\164\160\072\057\057\167\167\167\056
\151\156\146\157\162\155\141\164\151\153\056\141\144\155\151\156
\056\143\150\057\120\113\111\057\154\151\156\153\163\057\103\120
\123\137\062\137\061\066\137\067\065\066\137\061\137\061\067\137
\063\137\061\137\060\056\160\144\146\060\177\006\003\125\035\037
\004\170\060\166\060\164\240\162\240\160\244\156\060\154\061\026
\060\024\006\003\125\004\003\023\015\101\144\155\151\156\055\122
\157\157\164\055\103\101\061\042\060\040\006\003\125\004\013\023

\031\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\151\145\163\061\021\060\017\006\003
\125\004\013\023\010\123\145\162\166\151\143\145\163\061\016\060
\014\006\003\125\004\012\023\005\141\144\155\151\156\061\013\060
\011\006\003\125\004\006\023\002\143\150\060\035\006\003\125\035
\016\004\026\004\024\202\237\372\043\163\040\361\227\213\262\114
\115\276\102\305\177\146\315\144\350\060\201\231\006\003\125\035
\043\004\201\221\060\201\216\200\024\202\237\372\043\163\040\361
\227\213\262\114\115\276\102\305\177\146\315\144\350\241\160\244
\156\060\154\061\013\060\011\006\003\125\004\006\023\002\143\150
\061\016\060\014\006\003\125\004\012\023\005\141\144\155\151\156
\061\021\060\017\006\003\125\004\013\023\010\123\145\162\166\151
\143\145\163\061\042\060\040\006\003\125\004\013\023\031\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\151\145\163\061\026\060\024\006\003\125\004\003
\023\015\101\144\155\151\156\055\122\157\157\164\055\103\101\202
\004\073\363\201\320\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\003\202\001\001\000\170\117\172\134\046\021\247
\056\256\232\103\312\134\065\202\106\176\310\066\217\172\146\265
\251\062\010\034\014\344\156\241\361\310\301\324\344\200\347\214
\275\143\261\014\337\362\271\076\302\013\161\100\151\106\243\154
\364\133\017\015\041\104\307\052\053\075\032\013\300\240\301\314
\210\312\034\077\254\122\266\366\147\315\114\155\304\276\043\375
\101\053\004\156\167\245\026\170\351\233\134\043\317\201\032\006
\041\143\152\334\051\121\262\072\371\233\367\135\261\055\365\004
\027\006\177\234\350\067\205\055\356\061\274\056\001\370\304\353
\153\216\064\305\071\071\366\224\230\273\037\016\036\021\057\250
\214\007\012\110\242\214\152\231\205\064\267\052\141\205\170\032
\051\151\037\235\045\120\121\004\312\027\303\071\070\007\161\347
\321\230\233\325\321\030\025\226\274\342\363\311\147\053\361\011
\262\316\234\364\103\046\001\372\127\153\220\251\261\276\350\065
\325\151\377\360\071\025\116\274\137\360\317\073\364\276\043\077
\105\146\304\264\226\135\276\217\015\336\307\155\011\102\363\211
\371\361\077\365\164\117\337\270\145

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Admin-Root-CA"
Issuer: CN=Admin-Root-CA,OU=Certification Authorities,OU=Services,O=admin,C=ch
Serial Number:3b:f3:81:d0
Subject: CN=Admin-Root-CA,OU=Certification Authorities,OU=Services,O=admin,C=ch
Not Valid Before: Thu Nov 15 08:51:07 2001
Not Valid After: Wed Nov 10 07:51:07 2021
Fingerprint (MD5): f3:7e:3a:13:dc:74:63:06:74:1a:3c:38:32:8c:fb:a9

Fingerprint (SHA1): 25:3f:77:5b:0e:77:97:ab:64:5f:15:91:55:97:c3:9e:26:36:31:d1

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Admin-Root-CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\045\077\167\133\016\167\227\253\144\137\025\221\125\227\303\236
\046\066\061\321

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\363\176\072\023\334\164\143\006\164\032\074\070\062\214\373\251

END

CKA_ISSUER MULTILINE_OCTAL

\060\154\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\016\060\014\006\003\125\004\012\023\005\141\144\155\151\156\061
\021\060\017\006\003\125\004\013\023\010\123\145\162\166\151\143
\145\163\061\042\060\040\006\003\125\004\013\023\031\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\151\145\163\061\026\060\024\006\003\125\004\003\023
\015\101\144\155\151\156\055\122\157\157\164\055\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\073\363\201\320

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "TÜBTAK UEKAE Kök Sertifika Hizmet Salaycs - Sürüm 3"

Issuer: CN=TÜBTAK UEKAE Kök Sertifika Hizmet Salaycs - Sürüm 3,OU=Kamu Sertifikasyon

Merkezi,OU=Ulusal Elektronik ve Kriptoloji Aratırma Enstitüsü - UEKAE,O=Türkiye Bilimsel ve Teknolojik
Aratırma Kurumu - TÜBTAK,L=Gebze - Kocaeli,C=TR

Serial Number: 17 (0x11)

Subject: CN=TÜBTAK UEKAE Kök Sertifika Hizmet Salaycs - Sürüm 3,OU=Kamu Sertifikasyon

Merkezi,OU=Ulusal Elektronik ve Kriptoloji Aratırma Enstitüsü - UEKAE,O=Türkiye Bilimsel ve Teknolojik
Aratırma Kurumu - TÜBTAK,L=Gebze - Kocaeli,C=TR

Not Valid Before: Fri Aug 24 11:37:07 2007

Not Valid After: Mon Aug 21 11:37:07 2017

Fingerprint (MD5): ed:41:f5:8c:50:c5:2b:9c:73:e6:ee:6c:eb:c2:a8:26

Fingerprint (SHA1): 1b:4b:39:61:26:27:6b:64:91:a2:68:6d:d7:02:43:21:2d:1f:1d:96

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "TÜBTAK UEKAE Kök Sertifika Hizmet Salaycs - Sürüm 3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\202\001\053\061\013\060\011\006\003\125\004\006\023\002\124
\122\061\030\060\026\006\003\125\004\007\014\017\107\145\142\172
\145\040\055\040\113\157\143\141\145\154\151\061\107\060\105\006
\003\125\004\012\014\076\124\303\274\162\153\151\171\145\040\102
\151\154\151\155\163\145\154\040\166\145\040\124\145\153\156\157
\154\157\152\151\153\040\101\162\141\305\237\164\304\261\162\155
\141\040\113\165\162\165\155\165\040\055\040\124\303\234\102\304
\260\124\101\113\061\110\060\106\006\003\125\004\013\014\077\125
\154\165\163\141\154\040\105\154\145\153\164\162\157\156\151\153
\040\166\145\040\113\162\151\160\164\157\154\157\152\151\040\101
\162\141\305\237\164\304\261\162\155\141\040\105\156\163\164\151
\164\303\274\163\303\274\040\055\040\125\105\113\101\105\061\043
\060\041\006\003\125\004\013\014\032\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\061\112\060\110\006\003\125\004\003\014\101\124\303
\234\102\304\260\124\101\113\040\125\105\113\101\105\040\113\303
\266\153\040\123\145\162\164\151\146\151\153\141\040\110\151\172
\155\145\164\040\123\141\304\237\154\141\171\304\261\143\304\261
\163\304\261\040\055\040\123\303\274\162\303\274\155\040\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\202\001\053\061\013\060\011\006\003\125\004\006\023\002\124
\122\061\030\060\026\006\003\125\004\007\014\017\107\145\142\172
\145\040\055\040\113\157\143\141\145\154\151\061\107\060\105\006
\003\125\004\012\014\076\124\303\274\162\153\151\171\145\040\102
\151\154\151\155\163\145\154\040\166\145\040\124\145\153\156\157
\154\157\152\151\153\040\101\162\141\305\237\164\304\261\162\155
\141\040\113\165\162\165\155\165\040\055\040\124\303\234\102\304
\260\124\101\113\061\110\060\106\006\003\125\004\013\014\077\125
\154\165\163\141\154\040\105\154\145\153\164\162\157\156\151\153
\040\166\145\040\113\162\151\160\164\157\154\157\152\151\040\101
\162\141\305\237\164\304\261\162\155\141\040\105\156\163\164\151
\164\303\274\163\303\274\040\055\040\125\105\113\101\105\061\043
\060\041\006\003\125\004\013\014\032\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\061\112\060\110\006\003\125\004\003\014\101\124\303
\234\102\304\260\124\101\113\040\125\105\113\101\105\040\113\303
\266\153\040\123\145\162\164\151\146\151\153\141\040\110\151\172
\155\145\164\040\123\141\304\237\154\141\171\304\261\143\304\261
\163\304\261\040\055\040\123\303\274\162\303\274\155\040\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\021

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\027\060\202\003\377\240\003\002\001\002\002\001\021
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\202\001\053\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\014\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\107\060\105\006\003
\125\004\012\014\076\124\303\274\162\153\151\171\145\040\102\151
\154\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154
\157\152\151\153\040\101\162\141\305\237\164\304\261\162\155\141
\040\113\165\162\165\155\165\040\055\040\124\303\234\102\304\260
\124\101\113\061\110\060\106\006\003\125\004\013\014\077\125\154
\165\163\141\154\040\105\154\145\153\164\162\157\156\151\153\040
\166\145\040\113\162\151\160\164\157\154\157\152\151\040\101\162
\141\305\237\164\304\261\162\155\141\040\105\156\163\164\151\164
\303\274\163\303\274\040\055\040\125\105\113\101\105\061\043\060
\041\006\003\125\004\013\014\032\113\141\155\165\040\123\145\162
\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145
\172\151\061\112\060\110\006\003\125\004\003\014\101\124\303\234
\102\304\260\124\101\113\040\125\105\113\101\105\040\113\303\266
\153\040\123\145\162\164\151\146\151\153\141\040\110\151\172\155
\145\164\040\123\141\304\237\154\141\171\304\261\143\304\261\163
\304\261\040\055\040\123\303\274\162\303\274\155\040\063\060\036
\027\015\060\067\060\070\062\064\061\061\063\067\060\067\132\027
\015\061\067\060\070\062\061\061\061\063\067\060\067\132\060\202
\001\053\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\030\060\026\006\003\125\004\007\014\017\107\145\142\172\145\040
\055\040\113\157\143\141\145\154\151\061\107\060\105\006\003\125
\004\012\014\076\124\303\274\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\305\237\164\304\261\162\155\141\040
\113\165\162\165\155\165\040\055\040\124\303\234\102\304\260\124
\101\113\061\110\060\106\006\003\125\004\013\014\077\125\154\165
\163\141\154\040\105\154\145\153\164\162\157\156\151\153\040\166
\145\040\113\162\151\160\164\157\154\157\152\151\040\101\162\141
\305\237\164\304\261\162\155\141\040\105\156\163\164\151\164\303
\274\163\303\274\040\055\040\125\105\113\101\105\061\043\060\041
\006\003\125\004\013\014\032\113\141\155\165\040\123\145\162\164
\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145\172
\151\061\112\060\110\006\003\125\004\003\014\101\124\303\234\102
\304\260\124\101\113\040\125\105\113\101\105\040\113\303\266\153
\040\123\145\162\164\151\146\151\153\141\040\110\151\172\155\145
\164\040\123\141\304\237\154\141\171\304\261\143\304\261\163\304
\261\040\055\040\123\303\274\162\303\274\155\040\063\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\212\155
\113\377\020\210\072\303\366\176\224\350\352\040\144\160\256\041
\201\276\072\173\074\333\361\035\122\177\131\372\363\042\114\225
\240\220\274\110\116\021\253\373\267\265\215\172\203\050\214\046
\106\330\116\225\100\207\141\237\305\236\155\201\207\127\154\212

\073\264\146\352\314\100\374\343\252\154\262\313\001\333\062\277
\322\353\205\317\241\015\125\303\133\070\127\160\270\165\306\171
\321\024\060\355\033\130\133\153\357\065\362\241\041\116\305\316
\174\231\137\154\271\270\042\223\120\247\315\114\160\152\276\152
\005\177\023\234\053\036\352\376\107\316\004\245\157\254\223\056
\174\053\237\236\171\023\221\350\352\236\312\070\165\216\142\260
\225\223\052\345\337\351\136\227\156\040\137\137\204\172\104\071
\031\100\034\272\125\053\373\060\262\201\357\204\343\334\354\230
\070\071\003\205\010\251\124\003\005\051\360\311\217\213\352\013
\206\145\031\021\323\351\011\043\336\150\223\003\311\066\034\041
\156\316\214\146\361\231\060\330\327\263\303\035\370\201\056\250
\275\202\013\146\376\202\313\341\340\032\202\303\100\201\002\003
\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026
\004\024\275\210\207\311\217\366\244\012\013\252\353\305\376\221
\043\235\253\112\212\062\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\003\202\001\001\000\035\174\372\111\217
\064\351\267\046\222\026\232\005\164\347\113\320\155\071\154\303
\046\366\316\270\061\274\304\337\274\052\370\067\221\030\334\004
\310\144\231\053\030\155\200\003\131\311\256\370\130\320\076\355
\303\043\237\151\074\206\070\034\236\357\332\047\170\321\204\067
\161\212\074\113\071\317\176\105\006\326\055\330\212\115\170\022
\326\255\302\323\313\322\320\101\363\046\066\112\233\225\154\014
\356\345\321\103\047\146\301\210\367\172\263\040\154\352\260\151
\053\307\040\350\014\003\304\101\005\231\342\077\344\153\370\240
\206\201\307\204\306\037\325\113\201\022\262\026\041\054\023\241
\200\262\136\014\112\023\236\040\330\142\100\253\220\352\144\112
\057\254\015\001\022\171\105\250\057\207\031\150\310\342\205\307
\060\262\165\371\070\077\262\300\223\264\153\342\003\104\316\147
\240\337\211\326\255\214\166\243\023\303\224\141\053\153\331\154
\301\007\012\042\007\205\154\205\044\106\251\276\077\213\170\204
\202\176\044\014\235\375\201\067\343\045\250\355\066\116\225\054
\311\234\220\332\354\251\102\074\255\266\002

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "TÜBTAK UEKAE Kök Sertifika Hizmet Salaycs - Sürüm 3"

Issuer: CN=TÜBTAK UEKAE Kök Sertifika Hizmet Salaycs - Sürüm 3,OU=Kamu Sertifikasyon

Merkezi,OU=Ulusal Elektronik ve Kriptoloji Aratırma Enstitüsü - UEKAE,O=Türkiye Bilimsel ve Teknolojik
Aratırma Kurumu - TÜBTAK,L=Gebze - Kocaeli,C=TR

Serial Number: 17 (0x11)

Subject: CN=TÜBTAK UEKAE Kök Sertifika Hizmet Salaycs - Sürüm 3,OU=Kamu Sertifikasyon

Merkezi,OU=Ulusal Elektronik ve Kriptoloji Aratırma Enstitüsü - UEKAE,O=Türkiye Bilimsel ve Teknolojik
Aratırma Kurumu - TÜBTAK,L=Gebze - Kocaeli,C=TR

```
# Not Valid Before: Fri Aug 24 11:37:07 2007
# Not Valid After: Mon Aug 21 11:37:07 2017
# Fingerprint (MD5): ed:41:f5:8c:50:c5:2b:9c:73:e6:ee:6c:eb:c2:a8:26
# Fingerprint (SHA1): 1b:4b:39:61:26:27:6b:64:91:a2:68:6d:d7:02:43:21:2d:1f:1d:96
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TÜBTAK UEKAE Kök Sertifika Hizmet Salaycs - Sürüm 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\033\113\071\141\046\047\153\144\221\242\150\155\327\002\103\041
\055\037\035\226
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\355\101\365\214\120\305\053\234\163\346\356\154\353\302\250\046
END
CKA_ISSUER MULTILINE_OCTAL
\060\202\001\053\061\013\060\011\006\003\125\004\006\023\002\124
\122\061\030\060\026\006\003\125\004\007\014\017\107\145\142\172
\145\040\055\040\113\157\143\141\145\154\151\061\107\060\105\006
\003\125\004\012\014\076\124\303\274\162\153\151\171\145\040\102
\151\154\151\155\163\145\154\040\166\145\040\124\145\153\156\157
\154\157\152\151\153\040\101\162\141\305\237\164\304\261\162\155
\141\040\113\165\162\165\155\165\040\055\040\124\303\234\102\304
\260\124\101\113\061\110\060\106\006\003\125\004\013\014\077\125
\154\165\163\141\154\040\105\154\145\153\164\162\157\156\151\153
\040\166\145\040\113\162\151\160\164\157\154\157\152\151\040\101
\162\141\305\237\164\304\261\162\155\141\040\105\156\163\164\151
\164\303\274\163\303\274\040\055\040\125\105\113\101\105\061\043
\060\041\006\003\125\004\013\014\032\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\061\112\060\110\006\003\125\004\003\014\101\124\303
\234\102\304\260\124\101\113\040\125\105\113\101\105\040\113\303
\266\153\040\123\145\162\164\151\146\151\153\141\040\110\151\172
\155\145\164\040\123\141\304\237\154\141\171\304\261\143\304\261
\163\304\261\040\055\040\123\303\274\162\303\274\155\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\021
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Halcom CA FO"
# Issuer: CN=Halcom CA FO,O=Halcom,C=SI
```

```
# Serial Number: 113253 (0x1ba65)
# Subject: CN=Halcom CA FO,O=Halcom,C=SI
# Not Valid Before: Sun Jun 05 10:33:31 2005
# Not Valid After: Fri Jun 05 10:33:31 2020
# Fingerprint (MD5): 0b:09:2c:1c:d7:21:86:6f:94:37:6f:e6:a7:f3:22:4d
# Fingerprint (SHA1): 04:09:56:5b:77:da:58:2e:64:95:ac:00:60:a7:23:54:e6:4b:01:92
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Halcom CA FO"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\065\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157\155
\061\025\060\023\006\003\125\004\003\023\014\110\141\154\143\157
\155\040\103\101\040\106\117
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\065\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157\155
\061\025\060\023\006\003\125\004\003\023\014\110\141\154\143\157
\155\040\103\101\040\106\117
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\272\145
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\032\060\202\002\002\240\003\002\001\002\002\003\001
\272\145\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\065\061\013\060\011\006\003\125\004\006\023\002\123\111
\061\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157
\155\061\025\060\023\006\003\125\004\003\023\014\110\141\154\143
\157\155\040\103\101\040\106\117\060\036\027\015\060\065\060\066
\060\065\061\060\063\063\063\061\132\027\015\062\060\060\066\060
\065\061\060\063\063\063\061\132\060\065\061\013\060\011\006\003
\125\004\006\023\002\123\111\061\017\060\015\006\003\125\004\012
\023\006\110\141\154\143\157\155\061\025\060\023\006\003\125\004
\003\023\014\110\141\154\143\157\155\040\103\101\040\106\117\060
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000
\274\243\046\001\226\345\235\254\032\002\002\071\174\254\334\006
\114\067\112\256\007\110\165\350\047\034\244\061\375\012\247\043
\135\174\077\016\372\360\214\221\157\125\064\204\003\164\314\003
\065\170\315\161\301\107\033\273\352\041\156\270\007\336\041\222
\252\254\271\336\067\242\037\364\232\034\033\310\356\020\203\326
\123\103\310\335\351\363\220\106\071\162\012\116\374\022\051\111
```

\201\130\046\072\161\023\014\173\123\217\337\146\162\074\027\334
\336\341\171\112\237\351\140\076\155\065\344\115\121\321\034\300
\032\060\134\006\077\163\103\310\315\066\364\036\302\207\214\117
\110\237\332\165\127\052\114\257\215\124\074\104\137\230\074\120
\332\320\030\006\174\140\156\322\204\377\147\205\220\075\136\306
\353\330\172\243\265\155\014\276\165\270\251\332\126\161\066\132
\356\353\111\123\076\342\031\166\174\102\253\241\220\361\367\057
\270\272\112\101\264\053\244\056\141\066\347\326\332\177\365\237
\215\270\113\133\204\065\120\305\275\005\252\252\302\014\164\101
\143\127\031\216\377\341\106\346\173\005\044\376\231\335\061\275
\002\003\001\000\001\243\063\060\061\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\021\006\003\125\035
\016\004\012\004\010\110\040\034\142\015\130\122\045\060\013\006
\003\125\035\017\004\004\003\002\001\006\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\133\165
\365\346\060\106\130\212\367\017\321\117\013\001\130\004\271\144
\344\060\015\076\166\331\153\023\255\034\156\311\114\360\154\346
\102\021\375\353\203\357\120\330\273\124\235\264\221\212\132\265
\204\017\214\106\315\074\202\250\245\036\040\234\320\365\101\006
\312\001\053\230\260\352\051\120\037\342\164\173\131\202\312\012
\345\156\116\256\260\067\355\076\314\272\062\331\077\013\150\054
\262\323\074\334\070\305\021\326\033\063\356\271\242\152\104\223
\033\120\352\141\033\171\127\121\126\236\062\320\063\170\264\317
\107\052\373\367\315\361\347\155\340\272\144\373\025\233\276\312
\261\362\107\001\177\340\114\267\245\101\254\036\331\032\154\221
\341\320\250\112\303\136\170\053\172\200\300\117\315\045\137\120
\047\306\274\130\165\234\035\265\232\135\225\163\363\204\146\323
\315\155\035\315\340\132\316\040\070\357\222\163\170\136\002\326
\215\371\164\324\267\211\330\214\373\173\325\213\161\325\031\027
\046\330\044\111\074\125\274\202\207\332\143\273\071\327\216\221
\317\064\160\134\163\117\320\120\107\132\373\345\132\121

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Halcom CA FO"
Issuer: CN=Halcom CA FO,O=Halcom,C=SI
Serial Number: 113253 (0x1ba65)
Subject: CN=Halcom CA FO,O=Halcom,C=SI
Not Valid Before: Sun Jun 05 10:33:31 2005
Not Valid After: Fri Jun 05 10:33:31 2020
Fingerprint (MD5): 0b:09:2c:1c:d7:21:86:6f:94:37:6f:e6:a7:f3:22:4d
Fingerprint (SHA1): 04:09:56:5b:77:da:58:2e:64:95:ac:00:60:a7:23:54:e6:4b:01:92
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Halcom CA FO"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\004\011\126\133\167\332\130\056\144\225\254\000\140\247\043\124
\346\113\001\222
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\013\011\054\034\327\041\206\157\224\067\157\346\247\363\042\115
END
CKA_ISSUER MULTILINE_OCTAL
\060\065\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157\155
\061\025\060\023\006\003\125\004\003\023\014\110\141\154\143\157
\155\040\103\101\040\106\117
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\272\145
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Halcom CA PO 2"
# Issuer: CN=Halcom CA PO 2,O=Halcom,C=SI
# Serial Number: 79074 (0x134e2)
# Subject: CN=Halcom CA PO 2,O=Halcom,C=SI
# Not Valid Before: Sat Feb 07 18:33:31 2004
# Not Valid After: Thu Feb 07 18:33:31 2019
# Fingerprint (MD5): 1d:64:96:af:2d:82:1a:30:0b:a0:62:0d:76:bc:53:aa
# Fingerprint (SHA1): 7f:bb:6a:cd:7e:0a:b4:38:da:af:6f:d5:02:10:d0:07:c6:c0:82:9c
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Halcom CA PO 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\067\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157\155
\061\027\060\025\006\003\125\004\003\023\016\110\141\154\143\157
\155\040\103\101\040\120\117\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\067\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157\155
```

\061\027\060\025\006\003\125\004\003\023\016\110\141\154\143\157
\155\040\103\101\040\120\117\040\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\003\001\064\342

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\031\060\202\001\202\240\003\002\001\002\002\003\001
\064\342\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\067\061\013\060\011\006\003\125\004\006\023\002\123\111
\061\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157
\155\061\027\060\025\006\003\125\004\003\023\016\110\141\154\143
\157\155\040\103\101\040\120\117\040\062\060\036\027\015\060\064
\060\062\060\067\061\070\063\063\063\061\132\027\015\061\071\060
\062\060\067\061\070\063\063\063\061\132\060\067\061\013\060\011
\006\003\125\004\006\023\002\123\111\061\017\060\015\006\003\125
\004\012\023\006\110\141\154\143\157\155\061\027\060\025\006\003
\125\004\003\023\016\110\141\154\143\157\155\040\103\101\040\120
\117\040\062\060\201\237\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\201\215\000\060\201\211\002\201\201\000
\224\027\362\111\067\060\062\011\010\074\276\365\067\267\164\154
\020\073\313\042\161\007\006\271\306\354\332\110\363\237\047\155
\144\215\125\336\171\107\120\373\150\316\171\001\276\247\033\366
\141\255\175\061\013\123\040\255\061\361\133\316\043\372\377\314
\022\002\132\000\234\374\315\153\022\122\350\254\324\063\073\163
\046\020\161\220\100\277\003\210\337\274\137\041\015\214\326\212
\223\037\347\256\025\124\306\114\344\231\141\222\340\367\215\162
\307\334\142\023\063\243\076\111\051\373\204\277\160\072\221\041
\002\003\001\000\001\243\063\060\061\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\021\006\003\125\035
\016\004\012\004\010\110\257\127\146\277\322\300\002\060\013\006
\003\125\035\017\004\004\003\002\001\006\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\201\201\000\220\026\127
\166\270\171\316\374\304\321\067\000\242\315\377\070\007\021\163
\023\005\111\355\337\301\305\316\306\100\330\367\002\226\015\267
\157\021\204\070\146\373\161\367\020\001\147\174\135\175\044\332
\366\144\073\010\200\110\246\116\275\104\342\260\007\062\217\174
\206\067\106\157\300\203\003\223\265\364\363\022\174\243\350\313
\342\072\043\170\372\150\157\376\130\312\014\247\127\121\055\142
\220\371\344\250\334\365\312\337\016\207\121\156\067\165\046\016
\327\176\170\212\003\242\225\031\266\136\221\001\126

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Halcom CA PO 2"

```
# Issuer: CN=Halcom CA PO 2,O=Halcom,C=SI
# Serial Number: 79074 (0x134e2)
# Subject: CN=Halcom CA PO 2,O=Halcom,C=SI
# Not Valid Before: Sat Feb 07 18:33:31 2004
# Not Valid After: Thu Feb 07 18:33:31 2019
# Fingerprint (MD5): 1d:64:96:af:2d:82:1a:30:0b:a0:62:0d:76:bc:53:aa
# Fingerprint (SHA1): 7f:bb:6a:cd:7e:0a:b4:38:da:af:6f:d5:02:10:d0:07:c6:c0:82:9c
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Halcom CA PO 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\177\273\152\315\176\012\264\070\332\257\157\325\002\020\320\007
\306\300\202\234
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\035\144\226\257\055\202\032\060\013\240\142\015\166\274\123\252
END
CKA_ISSUER MULTILINE_OCTAL
\060\067\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\017\060\015\006\003\125\004\012\023\006\110\141\154\143\157\155
\061\027\060\025\006\003\125\004\003\023\016\110\141\154\143\157
\155\040\103\101\040\120\117\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\064\342
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Root CA"
# Issuer: CN=Root CA,OU=GPKI,O=Government of Korea,C=KR
# Serial Number:3c:c2:81:4b:00:e7:52:4d:9b:aa:47:b7:e1:61:f5:0e
# Subject: CN=Root CA,OU=GPKI,O=Government of Korea,C=KR
# Not Valid Before: Sun Apr 21 09:07:23 2002
# Not Valid After: Sat Apr 21 09:07:23 2012
# Fingerprint (MD5): c7:bd:11:d6:91:8a:35:82:c5:36:66:01:7c:6f:47:79
# Fingerprint (SHA1): 63:4c:3b:02:30:cf:1b:78:b4:56:9f:ec:f2:c0:4a:86:52:ef:ef:0e
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

CKA_SUBJECT MULTILINE_OCTAL

\060\114\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\034\060\032\006\003\125\004\012\023\023\107\157\166\145\162\156
\155\145\156\164\040\157\146\040\113\157\162\145\141\061\015\060
\013\006\003\125\004\013\023\004\107\120\113\111\061\020\060\016
\006\003\125\004\003\023\007\122\157\157\164\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\114\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\034\060\032\006\003\125\004\012\023\023\107\157\166\145\162\156
\155\145\156\164\040\157\146\040\113\157\162\145\141\061\015\060
\013\006\003\125\004\013\023\004\107\120\113\111\061\020\060\016
\006\003\125\004\003\023\007\122\157\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\074\302\201\113\000\347\122\115\233\252\107\267\341\141
\365\016

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\231\060\202\002\201\240\003\002\001\002\002\020\074
\302\201\113\000\347\122\115\233\252\107\267\341\141\365\016\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\114
\061\013\060\011\006\003\125\004\006\023\002\113\122\061\034\060
\032\006\003\125\004\012\023\023\107\157\166\145\162\156\155\145
\156\164\040\157\146\040\113\157\162\145\141\061\015\060\013\006
\003\125\004\013\023\004\107\120\113\111\061\020\060\016\006\003
\125\004\003\023\007\122\157\157\164\040\103\101\060\036\027\015
\060\062\060\064\062\061\060\071\060\067\062\063\132\027\015\061
\062\060\064\062\061\060\071\060\067\062\063\132\060\114\061\013
\060\011\006\003\125\004\006\023\002\113\122\061\034\060\032\006
\003\125\004\012\023\023\107\157\166\145\162\156\155\145\156\164
\040\157\146\040\113\157\162\145\141\061\015\060\013\006\003\125
\004\013\023\004\107\120\113\111\061\020\060\016\006\003\125\004
\003\023\007\122\157\157\164\040\103\101\060\202\001\041\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001
\016\000\060\202\001\011\002\202\001\000\100\326\241\102\027\054
\125\100\337\232\172\303\221\364\343\275\221\053\365\333\134\146
\057\211\134\375\170\324\011\114\075\247\304\234\056\372\360\131
\266\275\264\322\215\050\010\253\257\023\101\256\200\102\364\353
\134\055\137\176\103\172\065\265\257\077\334\304\075\066\105\222
\262\270\176\015\274\254\307\301\144\330\336\155\316\263\244\216
\120\176\110\364\255\216\331\206\031\065\003\212\167\050\165\055
\202\133\112\354\245\313\161\002\364\104\061\203\112\171\354\316
\145\377\034\241\063\146\257\133\062\145\376\346\255\207\047\114
\375\117\030\011\230\144\176\077\316\067\126\363\302\340\306\231
\233\000\113\067\230\357\034\143\052\225\256\255\003\317\072\134
\042\016\075\331\365\160\161\166\373\104\317\053\000\041\046\160

\072\341\252\353\315\111\373\073\142\270\164\132\126\245\362\054
\222\076\265\000\274\204\277\140\343\102\156\215\243\340\144\266
\255\245\103\230\367\141\337\305\350\340\360\325\246\275\240\151
\157\162\156\216\215\017\313\366\370\353\366\314\133\163\235\325
\055\361\316\027\333\336\010\177\334\215\002\003\001\000\001\243
\170\060\166\060\037\006\003\125\035\043\004\030\060\026\200\024
\002\023\356\256\034\040\070\054\251\360\157\352\137\237\007\072
\223\357\107\164\060\035\006\003\125\035\016\004\026\004\024\002
\023\356\256\034\040\070\054\251\360\157\352\137\237\007\072\223
\357\107\164\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\023\006\003\125\035\040\004\014\060\012\060\010
\006\004\125\035\040\000\060\000\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\015\006\011\052\206\110
\206\367\015\001\001\005\005\000\003\202\001\001\000\001\250\251
\310\046\174\254\076\264\367\266\222\301\176\363\250\220\155\175
\027\314\150\014\104\302\345\014\122\370\261\002\117\312\071\073
\127\130\346\337\277\144\012\215\106\264\324\331\262\347\203\007
\255\113\375\021\277\357\347\231\300\211\335\270\304\247\350\055
\204\222\315\037\327\030\307\173\206\117\353\271\136\136\311\325
\260\340\364\372\366\244\301\220\346\155\334\366\016\113\341\357
\335\065\071\376\361\306\154\220\101\244\141\211\043\346\244\077
\143\147\272\361\236\167\343\016\355\052\173\343\172\045\163\110
\067\177\171\345\052\123\006\331\214\262\010\157\064\004\133\211
\166\007\253\054\243\050\001\377\023\122\164\240\023\123\221\146
\070\302\211\245\031\110\112\060\270\304\276\144\334\354\237\060
\131\232\146\305\226\037\175\023\060\352\175\012\337\326\275\202
\060\050\350\115\215\332\160\312\200\233\034\150\025\174\103\263
\212\365\057\151\004\206\027\017\060\242\217\321\066\327\215\031
\112\152\153\070\027\144\053\273\011\322\253\326\021\256\366\247
\271\053\220\147\212\052\004\332\066\223\033\174\076

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Root CA"

Issuer: CN=Root CA,OU=GPKI,O=Government of Korea,C=KR

Serial Number:3c:c2:81:4b:00:e7:52:4d:9b:aa:47:b7:e1:61:f5:0e

Subject: CN=Root CA,OU=GPKI,O=Government of Korea,C=KR

Not Valid Before: Sun Apr 21 09:07:23 2002

Not Valid After: Sat Apr 21 09:07:23 2012

Fingerprint (MD5): c7:bd:11:d6:91:8a:35:82:c5:36:66:01:7c:6f:47:79

Fingerprint (SHA1): 63:4c:3b:02:30:cf:1b:78:b4:56:9f:ec:f2:c0:4a:86:52:ef:ef:0e

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

CKA_LABEL UTF8 "Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\143\114\073\002\060\317\033\170\264\126\237\354\362\300\112\206
\122\357\357\016
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\307\275\021\326\221\212\065\202\305\066\146\001\174\157\107\171
END
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\034\060\032\006\003\125\004\012\023\023\107\157\166\145\162\156
\155\145\156\164\040\157\146\040\113\157\162\145\141\061\015\060
\013\006\003\125\004\013\023\004\107\120\113\111\061\020\060\016
\006\003\125\004\003\023\007\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\074\302\201\113\000\347\122\115\233\252\107\267\341\141
\365\016
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "GPKIRootCA"
# Issuer: CN=GPKIRootCA,OU=GPKI,O=Government of Korea,C=KR
# Serial Number:45:f8:e0:e4:01:c5:3e:71:e6:bd:71:6d:97:9c:41:23
# Subject: CN=GPKIRootCA,OU=GPKI,O=Government of Korea,C=KR
# Not Valid Before: Thu Mar 15 06:00:04 2007
# Not Valid After: Wed Mar 15 06:00:04 2017
# Fingerprint (MD5): b4:81:9e:89:ac:17:24:fd:2a:42:85:27:1d:0c:2b:5d
# Fingerprint (SHA1): 20:cb:59:4f:b4:ed:d8:95:76:3f:d5:25:4e:95:9a:66:74:c6:ee:b2
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GPKIRootCA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\034\060\032\006\003\125\004\012\023\023\107\157\166\145\162\156
\155\145\156\164\040\157\146\040\113\157\162\145\141\061\015\060
\013\006\003\125\004\013\023\004\107\120\113\111\061\023\060\021
\006\003\125\004\003\023\012\107\120\113\111\122\157\157\164\103
\101
END
CKA_ID UTF8 "0"

```

CKA_ISSUER MULTILINE_OCTAL

\060\117\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\034\060\032\006\003\125\004\012\023\023\107\157\166\145\162\156
\155\145\156\164\040\157\146\040\113\157\162\145\141\061\015\060
\013\006\003\125\004\013\023\004\107\120\113\111\061\023\060\021
\006\003\125\004\003\023\012\107\120\113\111\122\157\157\164\103
\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\105\370\340\344\001\305\076\161\346\275\161\155\227\234
\101\043

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\212\060\202\002\162\240\003\002\001\002\002\020\105
\370\340\344\001\305\076\161\346\275\161\155\227\234\101\043\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\117
\061\013\060\011\006\003\125\004\006\023\002\113\122\061\034\060
\032\006\003\125\004\012\023\023\107\157\166\145\162\156\155\145
\156\164\040\157\146\040\113\157\162\145\141\061\015\060\013\006
\003\125\004\013\023\004\107\120\113\111\061\023\060\021\006\003
\125\004\003\023\012\107\120\113\111\122\157\157\164\103\101\060
\036\027\015\060\067\060\063\061\065\060\066\060\060\060\064\132
\027\015\061\067\060\063\061\065\060\066\060\060\060\064\132\060
\117\061\013\060\011\006\003\125\004\006\023\002\113\122\061\034
\060\032\006\003\125\004\012\023\023\107\157\166\145\162\156\155
\145\156\164\040\157\146\040\113\157\162\145\141\061\015\060\013
\006\003\125\004\013\023\004\107\120\113\111\061\023\060\021\006
\003\125\004\003\023\012\107\120\113\111\122\157\157\164\103\101
\060\202\001\041\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\016\000\060\202\001\011\002\202\001\000
\132\053\101\025\233\333\166\046\001\360\124\162\013\207\023\037
\240\320\077\226\252\015\263\064\201\336\110\132\237\363\160\132
\302\361\072\236\004\360\116\224\171\227\341\364\265\024\114\327
\157\304\213\030\267\334\022\053\035\012\233\356\040\014\133\217
\377\371\257\202\236\230\106\320\075\135\050\363\227\026\301\134
\345\126\277\104\244\000\241\172\313\233\172\133\334\324\355\373
\362\240\002\147\000\036\104\345\212\001\334\245\243\116\376\326
\014\147\312\111\271\360\320\240\371\115\037\003\323\206\357\015
\205\165\115\363\355\373\315\152\146\004\127\364\127\233\254\146
\212\117\302\250\117\161\211\011\335\114\000\337\226\273\325\220
\012\264\266\152\155\306\277\323\231\051\377\142\360\020\332\105
\254\011\162\013\202\020\350\025\250\213\137\342\242\132\171\036
\302\147\375\351\104\127\013\003\320\041\025\121\260\000\363\217
\155\342\043\360\111\041\331\155\317\142\075\354\353\375\050\222
\001\077\172\243\162\174\353\363\256\347\370\012\354\156\255\172
\233\125\311\060\113\234\266\141\106\153\130\032\376\237\110\035
\002\003\001\000\001\243\143\060\141\060\037\006\003\125\035\043
\004\030\060\026\200\024\026\147\062\364\150\136\150\061\107\333

```
\355\354\316\141\056\232\044\106\304\175\060\035\006\003\125\035
\016\004\026\004\024\026\147\062\364\150\136\150\061\107\333\355
\354\316\141\056\232\044\106\304\175\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\256\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\065\143
\122\306\140\030\034\267\302\301\132\130\002\354\007\325\241\220
\223\374\200\107\320\122\170\253\205\370\166\323\270\260\030\062
\240\266\220\150\023\146\075\157\257\216\334\366\243\304\316\071
\137\257\355\012\146\340\174\021\310\014\313\236\037\070\051\212
\213\336\310\143\056\307\264\322\316\066\221\224\340\117\204\222
\266\252\042\250\375\061\247\063\110\311\133\366\023\330\026\026
\353\037\077\245\116\006\223\072\331\006\145\060\226\372\215\006
\333\241\032\364\053\372\017\150\360\301\053\174\235\005\327\011
\102\073\322\057\221\220\374\016\153\070\133\262\165\251\127\234
\127\144\365\230\040\244\377\324\060\004\344\316\037\220\311\057
\301\337\132\126\270\313\252\252\264\277\353\270\367\042\112\115
\301\065\364\145\275\170\274\157\170\033\126\072\201\350\015\365
\302\245\027\060\323\215\127\167\313\245\301\114\261\060\335\064
\270\253\222\012\042\002\066\213\366\154\367\141\271\010\356\060
\255\032\250\104\361\056\062\354\203\242\110\110\072\147\137\351
\157\033\027\063\010\052\301\311\303\147\232\016\205\147
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "GPKIRootCA"

Issuer: CN=GPKIRootCA,OU=GPKI,O=Government of Korea,C=KR

Serial Number:45:f8:e0:e4:01:c5:3e:71:e6:bd:71:6d:97:9c:41:23

Subject: CN=GPKIRootCA,OU=GPKI,O=Government of Korea,C=KR

Not Valid Before: Thu Mar 15 06:00:04 2007

Not Valid After: Wed Mar 15 06:00:04 2017

Fingerprint (MD5): b4:81:9e:89:ac:17:24:fd:2a:42:85:27:1d:0c:2b:5d

Fingerprint (SHA1): 20:cb:59:4f:b4:ed:d8:95:76:3f:d5:25:4e:95:9a:66:74:c6:ee:b2

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GPKIRootCA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\040\313\131\117\264\355\330\225\166\077\325\045\116\225\232\146
\164\306\356\262
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\264\201\236\211\254\027\044\375\052\102\205\047\035\014\053\135
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\034\060\032\006\003\125\004\012\023\023\107\157\166\145\162\156
\155\145\156\164\040\157\146\040\113\157\162\145\141\061\015\060
\013\006\003\125\004\013\023\004\107\120\113\111\061\023\060\021
\006\003\125\004\003\023\012\107\120\113\111\122\157\157\164\103
\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\105\370\340\344\001\305\076\161\346\275\161\155\227\234
\101\043
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "ACNLB"
# Issuer: O=ACNLB,C=SI
# Serial Number:3e:c3:86:8e
# Subject: O=ACNLB,C=SI
# Not Valid Before: Thu May 15 11:52:45 2003
# Not Valid After: Mon May 15 12:22:45 2023
# Fingerprint (MD5): ba:92:64:42:16:1f:cb:a1:16:48:1a:f6:40:5c:59:87
# Fingerprint (SHA1): 04:56:f2:3d:1e:9c:43:ae:cb:0d:80:7f:1c:06:47:55:1a:05:f4:56
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACNLB"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\035\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\016\060\014\006\003\125\004\012\023\005\101\103\116\114\102
END
```

```
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\035\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\016\060\014\006\003\125\004\012\023\005\101\103\116\114\102
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\076\303\206\216
END
```

```
CKA_VALUE MULTILINE_OCTAL
\060\202\003\267\060\202\002\237\240\003\002\001\002\002\004\076
\303\206\216\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\035\061\013\060\011\006\003\125\004\006\023\002\123
```

\111\061\016\060\014\006\003\125\004\012\023\005\101\103\116\114
\102\060\036\027\015\060\063\060\065\061\065\061\061\065\062\064
\065\132\027\015\062\063\060\065\061\065\061\062\062\062\064\065
\132\060\035\061\013\060\011\006\003\125\004\006\023\002\123\111
\061\016\060\014\006\003\125\004\012\023\005\101\103\116\114\102
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001
\000\277\166\165\075\014\174\100\072\146\137\115\214\373\335\074
\056\376\175\224\144\355\112\324\111\110\241\356\221\161\262\171
\310\216\053\037\252\360\062\264\050\262\243\302\165\117\244\351
\246\032\366\242\146\141\043\047\141\054\156\027\220\013\372\336
\036\161\122\002\051\004\231\171\254\300\260\300\146\230\230\021
\067\144\020\317\234\274\073\102\034\051\134\125\220\366\172\042
\116\126\257\067\150\277\164\072\154\074\306\230\314\140\041\277
\342\010\047\344\331\053\274\343\204\225\327\324\044\140\374\176
\055\057\235\041\353\235\221\306\273\244\321\353\311\022\255\243
\350\310\265\177\125\113\353\231\002\124\304\201\034\014\256\071
\344\152\172\005\330\116\160\240\372\003\167\263\256\330\270\024
\222\373\101\167\023\065\152\267\242\312\210\113\255\055\121\274
\166\232\154\273\100\275\347\044\114\042\246\346\375\116\010\173
\235\013\020\326\022\322\246\306\241\144\062\364\001\163\226\201
\342\110\260\301\050\143\075\073\347\147\254\156\305\024\365\027
\023\242\234\037\053\127\360\025\047\165\135\335\261\064\326\223
\021\002\003\001\000\001\243\201\376\060\201\373\060\021\006\011
\140\206\110\001\206\370\102\001\001\004\004\003\002\000\007\060
\077\006\003\125\035\037\004\070\060\066\060\064\240\062\240\060
\244\056\060\054\061\013\060\011\006\003\125\004\006\023\002\123
\111\061\016\060\014\006\003\125\004\012\023\005\101\103\116\114
\102\061\015\060\013\006\003\125\004\003\023\004\103\122\114\061
\060\053\006\003\125\035\020\004\044\060\042\200\017\062\060\060
\063\060\065\061\065\061\061\065\062\064\065\132\201\017\062\060
\062\063\060\065\061\065\061\062\062\062\064\065\132\060\013\006
\003\125\035\017\004\004\003\002\001\006\060\037\006\003\125\035
\043\004\030\060\026\200\024\314\273\273\206\326\157\370\276\264
\107\042\167\263\266\255\327\001\131\226\115\060\035\006\003\125
\035\016\004\026\004\024\314\273\273\206\326\157\370\276\264\107
\042\167\263\266\255\327\001\131\226\115\060\014\006\003\125\035
\023\004\005\060\003\001\001\377\060\035\006\011\052\206\110\206
\366\175\007\101\000\004\020\060\016\033\010\126\066\056\060\072
\064\056\060\003\002\004\220\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\003\202\001\001\000\021\147\313\313\232
\153\040\041\335\157\151\203\325\077\015\272\223\025\227\116\160
\166\046\134\350\236\044\347\067\376\074\120\364\324\371\052\057
\014\023\241\135\004\274\320\260\351\302\003\027\205\005\141\075
\300\247\252\166\114\303\270\072\203\251\206\317\003\371\167\016
\053\262\075\166\033\145\321\152\161\140\161\333\273\270\172\216
\362\371\041\203\370\127\114\250\307\335\145\306\356\357\157\263
\266\231\273\264\303\320\253\137\262\240\176\335\164\041\054\303

```
\132\353\215\241\312\330\360\310\027\355\166\272\204\143\156\133
\271\265\312\155\327\374\064\071\200\057\272\117\337\215\330\374
\030\304\074\212\065\057\167\202\226\255\040\222\030\262\347\066
\364\256\062\164\270\107\321\330\017\330\054\313\152\302\000\165
\371\054\370\102\016\313\376\163\223\251\217\341\307\256\041\067
\363\312\271\014\264\347\211\176\161\034\126\064\040\303\361\064
\271\125\113\323\123\122\361\007\055\053\076\133\031\100\237\020
\355\323\051\063\305\257\017\020\126\207\332\073\310\261\355\070
\331\031\373\113\360\120\055\244\315\324\130
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "ACNLB"

Issuer: O=ACNLB,C=SI

Serial Number:3e:c3:86:8e

Subject: O=ACNLB,C=SI

Not Valid Before: Thu May 15 11:52:45 2003

Not Valid After: Mon May 15 12:22:45 2023

Fingerprint (MD5): ba:92:64:42:16:1f:cb:a1:16:48:1a:f6:40:5c:59:87

Fingerprint (SHA1): 04:56:f2:3d:1e:9c:43:ae:cb:0d:80:7f:1c:06:47:55:1a:05:f4:56

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ACNLB"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\004\126\362\075\036\234\103\256\313\015\200\177\034\006\107\125
\032\005\364\126
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\272\222\144\102\026\037\313\241\026\110\032\366\100\134\131\207
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\035\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\016\060\014\006\003\125\004\012\023\005\101\103\116\114\102
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\004\076\303\206\216
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

```
# Certificate "state-institutions"
# Issuer: OU=sigen-ca,O=state-institutions,C=si
# Serial Number:3b:3c:f9:c9
# Subject: OU=sigen-ca,O=state-institutions,C=si
# Not Valid Before: Fri Jun 29 21:27:46 2001
# Not Valid After: Tue Jun 29 21:57:46 2021
# Fingerprint (MD5): 49:ef:a6:a1:f0:de:8e:a7:6a:ee:5b:7d:1e:5f:c4:46
# Fingerprint (SHA1): 3e:42:a1:87:06:bd:0c:9c:cf:59:47:50:d2:e4:d6:ab:00:48:fd:c4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "state-institutions"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\163\151\061
\033\060\031\006\003\125\004\012\023\022\163\164\141\164\145\055
\151\156\163\164\151\164\165\164\151\157\156\163\061\021\060\017
\006\003\125\004\013\023\010\163\151\147\145\156\055\143\141
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\163\151\061
\033\060\031\006\003\125\004\012\023\022\163\164\141\164\145\055
\151\156\163\164\151\164\165\164\151\157\156\163\061\021\060\017
\006\003\125\004\013\023\010\163\151\147\145\156\055\143\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\073\074\371\311
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\031\060\202\003\001\240\003\002\001\002\002\004\073
\074\371\311\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\075\061\013\060\011\006\003\125\004\006\023\002\163
\151\061\033\060\031\006\003\125\004\012\023\022\163\164\141\164
\145\055\151\156\163\164\151\164\165\164\151\157\156\163\061\021
\060\017\006\003\125\004\013\023\010\163\151\147\145\156\055\143
\141\060\036\027\015\060\061\060\066\062\071\062\061\062\067\064
\066\132\027\015\062\061\060\066\062\071\062\061\065\067\064\066
\132\060\075\061\013\060\011\006\003\125\004\006\023\002\163\151
\061\033\060\031\006\003\125\004\012\023\022\163\164\141\164\145
\055\151\156\163\164\151\164\165\164\151\157\156\163\061\021\060
\017\006\003\125\004\013\023\010\163\151\147\145\156\055\143\141
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001
\000\260\345\145\262\300\254\144\226\362\210\033\263\355\236\344
\002\306\117\053\210\316\056\212\121\200\165\257\020\133\362\313
\070\146\233\242\016\155\064\107\226\245\222\021\257\366\065\107
```


\242\167\042\014\316\026\210\142\252\323\111\156\030\274\056\104
\330\276\306\236\302\032\031\254\101\216\374\060\007\002\362\306
\152\324\133\043\000\357\101\064\330\244\163\143\337\042\222\063
\204\001\245\215\363\203\134\372\270\324\172\065\337\354\370\155
\017\340\114\355\255\234\072\175\206\326\245\010\224\276\175\172
\021\037\376\205\077\124\132\210\143\207\234\245\261\247\116\315
\267\104\163\257\317\212\111\153\037\343\315\327\111\115\132\053
\027\346\134\166\263\273\162\271\157\047\322\233\211\025\210\337
\020\137\166\041\001\152\307\025\061\012\321\234\130\370\050\026
\005\155\331\116\331\241\327\007\040\313\113\046\211\115\222\262
\247\272\226\350\343\130\217\042\234\001\226\132\304\367\061\115
\013\111\265\341\170\141\342\124\030\006\273\236\124\064\176\014
\076\353\356\265\200\037\335\026\204\035\150\070\146\147\163\370
\221\002\003\001\000\001\243\202\001\037\060\202\001\033\060\021
\006\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000
\007\060\137\006\003\125\035\037\004\130\060\126\060\124\240\122
\240\120\244\116\060\114\061\013\060\011\006\003\125\004\006\023
\002\163\151\061\033\060\031\006\003\125\004\012\023\022\163\164
\141\164\145\055\151\156\163\164\151\164\165\164\151\157\156\163
\061\021\060\017\006\003\125\004\013\023\010\163\151\147\145\156
\055\143\141\061\015\060\013\006\003\125\004\003\023\004\103\122
\114\061\060\053\006\003\125\035\020\004\044\060\042\200\017\062
\060\060\061\060\066\062\071\062\061\062\067\064\066\132\201\017
\062\060\062\061\060\066\062\071\062\061\065\067\064\066\132\060
\013\006\003\125\035\017\004\004\003\002\001\006\060\037\006\003
\125\035\043\004\030\060\026\200\024\161\173\212\006\037\061\005
\125\253\140\022\167\107\040\036\003\210\030\354\211\060\035\006
\003\125\035\016\004\026\004\024\161\173\212\006\037\061\005\125
\253\140\022\167\107\040\036\003\210\030\354\211\060\014\006\003
\125\035\023\004\005\060\003\001\001\377\060\035\006\011\052\206
\110\206\366\175\007\101\000\004\020\060\016\033\010\126\065\056
\060\072\064\056\060\003\002\004\220\060\015\006\011\052\206\110
\206\367\015\001\001\005\005\000\003\202\001\001\000\000\272\143
\064\363\030\030\356\256\176\215\222\307\065\365\302\023\324\326
\000\252\041\062\026\326\320\133\372\051\260\215\372\027\167\222
\371\245\266\366\371\207\077\006\017\040\356\142\075\064\367\251
\057\307\251\073\320\047\210\114\254\335\311\251\345\132\130\205
\327\022\065\075\334\260\202\133\162\364\273\163\267\373\376\070
\041\230\004\200\262\210\142\017\036\254\072\026\251\346\263\012
\366\025\020\105\003\243\227\342\315\254\020\334\371\000\036\277
\163\154\103\354\167\042\026\006\057\226\203\211\173\260\270\123
\104\101\010\334\200\037\005\333\031\011\166\207\276\065\235\116
\041\113\264\223\301\150\072\235\137\066\376\241\256\060\054\113
\336\170\044\072\130\326\026\103\357\235\231\070\213\052\230\376
\060\321\302\352\326\257\045\325\245\166\013\271\357\100\071\056
\366\353\337\062\136\035\175\207\265\104\314\002\071\322\046\225
\162\330\157\205\103\250\217\016\243\106\316\327\316\350\271\126
\251\370\211\027\022\037\103\111\006\172\062\347\077\276\157\171

\276\326\063\327\114\074\050\374\022\361\166\166\030

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "state-institutions"

Issuer: OU=sigen-ca,O=state-institutions,C=si

Serial Number:3b:3c:f9:c9

Subject: OU=sigen-ca,O=state-institutions,C=si

Not Valid Before: Fri Jun 29 21:27:46 2001

Not Valid After: Tue Jun 29 21:57:46 2021

Fingerprint (MD5): 49:ef:a6:a1:f0:de:8e:a7:6a:ee:5b:7d:1e:5f:c4:46

Fingerprint (SHA1): 3e:42:a1:87:06:bd:0c:9c:cf:59:47:50:d2:e4:d6:ab:00:48:fd:c4

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "state-institutions"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\076\102\241\207\006\275\014\234\317\131\107\120\322\344\326\253

\000\110\375\304

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\111\357\246\241\360\336\216\247\152\356\133\175\036\137\304\106

END

CKA_ISSUER MULTILINE_OCTAL

\060\075\061\013\060\011\006\003\125\004\006\023\002\163\151\061

\033\060\031\006\003\125\004\012\023\022\163\164\141\164\145\055

\151\156\163\164\151\164\165\164\151\157\156\163\061\021\060\017

\006\003\125\004\013\023\010\163\151\147\145\156\055\143\141

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\073\074\371\311

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "SECOM Trust Systems CO.,LTD."

Issuer: OU=Security Communication EV RootCA1,O=SECOM Trust Systems CO.,LTD.,C=JP

Serial Number: 0 (0x0)

Subject: OU=Security Communication EV RootCA1,O=SECOM Trust Systems CO.,LTD.,C=JP

Not Valid Before: Wed Jun 06 02:12:32 2007

Not Valid After: Sat Jun 06 02:12:32 2037

```
# Fingerprint (MD5): 22:2d:a6:01:ea:7c:0a:f7:f0:6c:56:43:3f:77:76:d3
# Fingerprint (SHA1): fe:b8:c4:32:dc:f9:76:9a:ce:ae:3d:d8:90:8f:fd:28:86:65:64:7d
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SECOM Trust Systems CO.,LTD."
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\140\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\052\060\050\006\003\125\004\013\023
\041\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\105\126\040\122\157\157\164\103
\101\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\140\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\052\060\050\006\003\125\004\013\023
\041\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\105\126\040\122\157\157\164\103
\101\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\175\060\202\002\145\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\140\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045
\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124
\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056
\054\114\124\104\056\061\052\060\050\006\003\125\004\013\023\041
\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151
\143\141\164\151\157\156\040\105\126\040\122\157\157\164\103\101
\061\060\036\027\015\060\067\060\066\060\066\060\062\061\062\063
\062\132\027\015\063\067\060\066\060\066\060\062\061\062\063\062
\132\060\140\061\013\060\011\006\003\125\004\006\023\002\112\120
\061\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115
\040\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103
\117\056\054\114\124\104\056\061\052\060\050\006\003\125\004\013
\023\041\123\145\143\165\162\151\164\171\040\103\157\155\155\165
\156\151\143\141\164\151\157\156\040\105\126\040\122\157\157\164
\103\101\061\060\202\001\042\060\015\006\011\052\206\110\206\367
```

\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\274\177\354\127\233\044\340\376\234\272\102\171
\251\210\212\372\200\340\365\007\051\103\352\216\012\064\066\215
\034\372\247\265\071\170\377\227\165\367\057\344\252\153\004\204
\104\312\246\342\150\216\375\125\120\142\017\244\161\016\316\007
\070\055\102\205\120\255\074\226\157\213\325\242\016\317\336\111
\211\075\326\144\056\070\345\036\154\265\127\212\236\357\110\016
\315\172\151\026\207\104\265\220\344\006\235\256\241\004\227\130
\171\357\040\112\202\153\214\042\277\354\037\017\351\204\161\355
\361\016\344\270\030\023\314\126\066\135\321\232\036\121\153\071
\156\140\166\210\064\013\363\263\321\260\235\312\141\342\144\035
\301\106\007\270\143\335\036\063\145\263\216\011\125\122\075\265
\275\377\007\353\255\141\125\030\054\251\151\230\112\252\100\305
\063\024\145\164\000\371\221\336\257\003\110\305\100\124\334\017
\204\220\150\040\305\222\226\334\056\345\002\105\252\300\137\124
\370\155\352\111\317\135\154\113\257\357\232\302\126\134\306\065
\126\102\152\060\137\302\253\366\342\075\077\263\311\021\217\061
\114\327\237\111\002\003\001\000\001\243\102\060\100\060\035\006
\003\125\035\016\004\026\004\024\065\112\365\115\257\077\327\202
\070\254\253\161\145\027\165\214\235\125\223\346\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\250\207\351\354\370\100\147\135\303\301\146\307\100\113\227
\374\207\023\220\132\304\357\240\312\137\213\267\247\267\361\326
\265\144\267\212\263\270\033\314\332\373\254\146\210\101\316\350
\374\344\333\036\210\246\355\047\120\033\002\060\044\106\171\376
\004\207\160\227\100\163\321\300\301\127\031\232\151\245\047\231
\253\235\142\204\366\121\301\054\311\043\025\330\050\267\253\045
\023\265\106\341\206\002\377\046\214\304\210\222\035\126\376\031
\147\362\125\344\200\243\153\234\253\167\341\121\161\015\040\333
\020\232\333\275\166\171\007\167\231\050\255\232\136\332\261\117
\104\054\065\216\245\226\307\375\203\360\130\306\171\326\230\174
\250\215\376\206\076\007\026\222\341\173\347\035\354\063\166\176
\102\056\112\205\371\221\211\150\204\003\201\245\233\232\276\343
\067\305\124\253\126\073\030\055\101\244\014\370\102\333\231\240
\340\162\157\273\135\341\026\117\123\012\144\371\116\364\277\116
\124\275\170\154\210\352\277\234\023\044\302\160\151\242\177\017
\310\074\255\010\311\260\230\100\243\052\347\210\203\355\167\217
\164

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "SECOM Trust Systems CO.,LTD."
Issuer: OU=Security Communication EV RootCA1,O=SECOM Trust Systems CO.,LTD.,C=JP

```
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication EV RootCA1,O=SECOM Trust Systems CO.,LTD.,C=JP
# Not Valid Before: Wed Jun 06 02:12:32 2007
# Not Valid After: Sat Jun 06 02:12:32 2037
# Fingerprint (MD5): 22:2d:a6:01:ea:7c:0a:f7:f0:6c:56:43:3f:77:76:d3
# Fingerprint (SHA1): fe:b8:c4:32:dc:f9:76:9a:ce:ae:3d:d8:90:8f:fd:28:86:65:64:7d
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SECOM Trust Systems CO.,LTD."
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\376\270\304\062\334\371\166\232\316\256\075\330\220\217\375\050
\206\145\144\175
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\042\055\246\001\352\174\012\367\360\154\126\103\077\167\166\323
END
CKA_ISSUER MULTILINE_OCTAL
\060\140\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\052\060\050\006\003\125\004\013\023
\041\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\105\126\040\122\157\157\164\103
\101\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "D-TRUST Qualified Root CA 1 2007:PN"
# Issuer: CN=D-TRUST Qualified Root CA 1 2007:PN,O=D-Trust GmbH,C=DE
# Serial Number: 206554 (0x326da)
# Subject: CN=D-TRUST Qualified Root CA 1 2007:PN,O=D-Trust GmbH,C=DE
# Not Valid Before: Fri Jun 08 11:47:46 2007
# Not Valid After: Fri Jun 08 11:47:46 2012
# Fingerprint (MD5): b7:b0:d1:ec:1a:03:3e:ce:a9:15:11:cc:b1:6f:b2:ae
# Fingerprint (SHA1): e3:d7:36:06:99:6c:df:ef:61:fa:04:c3:35:e9:8e:a9:61:04:26:4a
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "D-TRUST Qualified Root CA 1 2007:PN"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\054\060\052\006\003\125\004\003\014
\043\104\055\124\122\125\123\124\040\121\165\141\154\151\146\151
\145\144\040\122\157\157\164\040\103\101\040\061\040\062\060\060
\067\072\120\116
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\054\060\052\006\003\125\004\003\014
\043\104\055\124\122\125\123\124\040\121\165\141\154\151\146\151
\145\144\040\122\157\157\164\040\103\101\040\061\040\062\060\060
\067\072\120\116
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\003\046\332
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\347\060\202\003\317\240\003\002\001\002\002\003\003
\046\332\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\122\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165
\163\164\040\107\155\142\110\061\054\060\052\006\003\125\004\003
\014\043\104\055\124\122\125\123\124\040\121\165\141\154\151\146
\151\145\144\040\122\157\157\164\040\103\101\040\061\040\062\060
\060\067\072\120\116\060\036\027\015\060\067\060\066\060\070\061
\061\064\067\064\066\132\027\015\061\062\060\066\060\070\061\061
\064\067\064\066\132\060\122\061\013\060\011\006\003\125\004\006
\023\002\104\105\061\025\060\023\006\003\125\004\012\014\014\104
\055\124\162\165\163\164\040\107\155\142\110\061\054\060\052\006
\003\125\004\003\014\043\104\055\124\122\125\123\124\040\121\165
\141\154\151\146\151\145\144\040\122\157\157\164\040\103\101\040
\061\040\062\060\060\067\072\120\116\060\202\001\044\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\021
\000\060\202\001\014\002\202\001\001\000\211\331\377\323\377\067
\374\127\210\025\140\301\275\057\150\020\200\267\055\131\245\242
\112\307\012\326\057\216\100\067\173\052\062\252\306\266\023\015
\040\347\117\376\077\016\156\255\371\124\317\153\005\013\376\151
\362\372\274\201\077\336\355\263\063\273\071\054\164\304\064\366
\264\372\303\323\322\130\312\171\160\217\143\343\225\064\370\071
\127\237\001\164\213\227\234\255\352\034\273\145\375\112\346\044
\070\111\076\236\262\306\120\343\134\326\073\351\207\071\167\331
\244\036\007\050\240\135\222\207\053\114\213\165\305\100\003\275
```

\077\100\015\224\074\073\024\247\340\256\162\275\053\353\322\361
\260\336\010\342\321\244\021\326\070\302\116\362\022\167\037\317
\110\106\013\370\027\063\233\203\037\010\270\005\347\106\123\113
\210\173\207\374\322\243\075\105\162\351\016\031\264\005\212\152
\037\067\014\017\014\314\310\250\271\133\002\272\363\270\243\015
\017\303\024\353\153\173\067\201\352\236\130\321\260\267\107\113
\005\061\004\351\114\012\241\300\222\024\275\043\067\322\041\366
\344\300\354\116\231\177\215\215\350\121\002\005\000\351\314\105
\051\243\202\001\302\060\202\001\276\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\054\114\366\232\052\237\050\202\001\301\231
\006\021\257\263\113\174\267\232\376\060\070\006\010\053\006\001
\005\005\007\001\001\004\054\060\052\060\050\006\010\053\006\001
\005\005\007\060\001\206\034\150\164\164\160\072\057\057\161\165
\141\154\056\157\143\163\160\056\144\055\164\162\165\163\164\056
\156\145\164\060\027\006\003\125\035\040\004\020\060\016\060\014
\006\012\053\006\001\004\001\245\064\002\037\001\060\063\006\003
\125\035\021\004\054\060\052\201\020\151\156\146\157\100\144\055
\164\162\165\163\164\056\156\145\164\206\026\150\164\164\160\072
\057\057\167\167\167\056\144\055\164\162\165\163\164\056\156\145
\164\060\030\006\010\053\006\001\005\005\007\001\003\004\014\060
\012\060\010\006\006\004\000\216\106\001\001\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\201\331\006\003
\125\035\037\004\201\321\060\201\316\060\201\313\240\201\310\240
\201\305\206\177\154\144\141\160\072\057\057\144\151\162\145\143
\164\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164
\057\103\116\075\104\055\124\122\125\123\124\045\062\060\121\165
\141\154\151\146\151\145\144\045\062\060\122\157\157\164\045\062
\060\103\101\045\062\060\061\045\062\060\062\060\060\067\045\063
\101\120\116\054\117\075\104\055\124\162\165\163\164\045\062\060
\107\155\142\110\054\103\075\104\105\077\143\145\162\164\151\146
\151\143\141\164\145\162\145\166\157\143\141\164\151\157\156\154
\151\163\164\206\102\150\164\164\160\072\057\057\167\167\167\056
\144\055\164\162\165\163\164\056\156\145\164\057\143\162\154\057
\144\055\164\162\165\163\164\137\161\165\141\154\151\146\151\145
\144\137\162\157\157\164\137\143\141\137\061\137\062\060\060\067
\137\160\156\056\143\162\154\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\003\202\001\001\000\151\251\361\204\310
\266\006\235\032\027\007\145\363\252\107\234\367\162\252\075\257
\046\146\345\024\041\016\316\033\211\076\212\124\310\377\066\311
\035\054\212\021\345\315\307\162\244\204\133\036\133\303\065\065
\261\261\155\113\252\010\324\331\324\342\375\007\113\344\126\133
\366\312\160\310\165\272\234\176\104\016\005\212\375\326\033\164
\323\273\322\345\132\344\332\366\017\262\037\215\124\314\025\145
\376\166\032\054\020\271\306\324\044\046\073\014\255\150\111\157
\143\254\254\130\136\326\027\271\006\150\014\264\060\314\341\267
\346\077\300\356\322\017\115\240\330\242\137\174\200\310\340\027
\212\124\367\105\010\162\167\112\113\263\051\240\223\240\341\312

```
\103\301\163\055\273\332\264\222\361\134\346\020\046\325\210\361
\206\347\076\033\142\047\046\314\273\316\314\060\336\317\330\272
\377\214\202\067\036\154\105\204\331\043\265\206\226\227\016\307
\252\042\215\117\242\373\051\003\260\032\334\020\124\143\275\234
\326\236\234\344\037\062\227\220\320\327\232\273\171\243\043\217
\264\165\256\144\310\167\227\372\054\043\215
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "D-TRUST Qualified Root CA 1 2007:PN"

Issuer: CN=D-TRUST Qualified Root CA 1 2007:PN,O=D-Trust GmbH,C=DE

Serial Number: 206554 (0x326da)

Subject: CN=D-TRUST Qualified Root CA 1 2007:PN,O=D-Trust GmbH,C=DE

Not Valid Before: Fri Jun 08 11:47:46 2007

Not Valid After: Fri Jun 08 11:47:46 2012

Fingerprint (MD5): b7:b0:d1:ec:1a:03:3e:ce:a9:15:11:cc:b1:6f:b2:ae

Fingerprint (SHA1): e3:d7:36:06:99:6c:df:ef:61:fa:04:c3:35:e9:8e:a9:61:04:26:4a

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "D-TRUST Qualified Root CA 1 2007:PN"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\343\327\066\006\231\154\337\357\141\372\004\303\065\351\216\251
\141\004\046\112
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\267\260\321\354\032\003\076\316\251\025\021\314\261\157\262\256
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\122\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\054\060\052\006\003\125\004\003\014
\043\104\055\124\122\125\123\124\040\121\165\141\154\151\146\151
\145\144\040\122\157\157\164\040\103\101\040\061\040\062\060\060
\067\072\120\116
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\003\003\046\332
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```



```

# Microsoft Code Signing Only Certificate
# Certificate "D-TRUST Root Class 2 CA 2007"
# Issuer: CN=D-TRUST Root Class 2 CA 2007,O=D-Trust GmbH,C=DE
# Serial Number: 200341 (0x30e95)
# Subject: CN=D-TRUST Root Class 2 CA 2007,O=D-Trust GmbH,C=DE
# Not Valid Before: Wed May 16 05:20:47 2007
# Not Valid After: Mon May 16 05:20:47 2022
# Fingerprint (MD5): 2c:c2:b0:d5:d6:22:c5:2e:90:1e:f4:63:3f:0f:bb:32
# Fingerprint (SHA1): 4a:05:8f:df:d7:61:db:21:b0:c2:ee:48:57:9b:e2:7f:42:a4:da:1c
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 2 CA 2007"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\113\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\045\060\043\006\003\125\004\003\014
\034\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\062\040\103\101\040\062\060\060\067
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\113\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\045\060\043\006\003\125\004\003\014
\034\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\062\040\103\101\040\062\060\060\067
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\003\016\225
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\225\060\202\003\175\240\003\002\001\002\002\003\003
\016\225\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\113\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165
\163\164\040\107\155\142\110\061\045\060\043\006\003\125\004\003
\014\034\104\055\124\122\125\123\124\040\122\157\157\164\040\103
\154\141\163\163\040\062\040\103\101\040\062\060\060\067\060\036
\027\015\060\067\060\065\061\066\060\065\062\060\064\067\132\027
\015\062\062\060\065\061\066\060\065\062\060\064\067\132\060\113
\061\013\060\011\006\003\125\004\006\023\002\104\105\061\025\060
\023\006\003\125\004\012\014\014\104\055\124\162\165\163\164\040
\107\155\142\110\061\045\060\043\006\003\125\004\003\014\034\104
\055\124\122\125\123\124\040\122\157\157\164\040\103\154\141\163
\163\040\062\040\103\101\040\062\060\060\067\060\202\001\042\060

```

\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\001\017\000\060\202\001\012\002\202\001\001\000\263\315\344\204
\025\111\370\344\326\316\204\263\232\255\366\060\165\220\015\204
\353\356\332\263\172\165\052\342\073\244\352\060\054\353\075\167
\215\201\204\150\112\246\244\150\334\220\163\141\064\145\007\035
\043\245\014\346\277\323\335\063\135\332\062\355\246\015\123\246
\164\152\134\031\131\246\114\265\057\171\001\136\236\177\112\372
\272\311\047\176\324\377\315\000\131\040\353\006\314\263\104\317
\326\205\351\355\073\014\154\301\352\214\134\340\271\251\002\360
\023\000\047\223\234\120\376\315\023\117\155\033\152\252\335\017
\377\106\045\031\334\341\136\120\254\032\177\016\313\332\356\040
\374\303\364\234\112\170\065\156\356\061\307\105\026\162\205\322
\202\040\333\122\105\174\074\277\131\127\371\207\164\126\230\133
\035\120\216\314\057\263\263\077\213\356\354\067\111\001\210\357
\330\041\014\223\323\366\156\211\117\272\027\313\104\201\267\173
\247\043\273\164\012\323\330\352\067\105\047\377\334\360\236\103
\343\272\173\212\033\232\175\351\206\240\376\057\321\326\366\207
\127\252\362\051\224\207\163\025\372\152\116\255\002\003\001\000
\001\243\202\001\200\060\202\001\174\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\221\060\253\366\363\306\104\267\353\335\050
\274\017\024\237\122\135\142\177\002\060\071\006\010\053\006\001
\005\005\007\001\001\004\055\060\053\060\051\006\010\053\006\001
\005\005\007\060\001\206\035\150\164\164\160\072\057\057\165\163
\145\162\163\056\157\143\163\160\056\144\055\164\162\165\163\164
\056\156\145\164\060\063\006\003\125\035\021\004\054\060\052\201
\020\151\156\146\157\100\144\055\164\162\165\163\164\056\156\145
\164\206\026\150\164\164\160\072\057\057\167\167\167\056\144\055
\164\162\165\163\164\056\156\145\164\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\201\311\006\003\125\035
\037\004\201\301\060\201\276\060\201\273\240\201\270\240\201\265
\206\166\154\144\141\160\072\057\057\144\151\162\145\143\164\157
\162\171\056\144\055\164\162\165\163\164\056\156\145\164\057\103
\116\075\104\055\124\122\125\123\124\045\062\060\122\157\157\164
\045\062\060\103\154\141\163\163\045\062\060\062\045\062\060\103
\101\045\062\060\062\060\060\067\054\117\075\104\055\124\162\165
\163\164\045\062\060\107\155\142\110\054\103\075\104\105\077\143
\145\162\164\151\146\151\143\141\164\145\162\145\166\157\143\141
\164\151\157\156\154\151\163\164\206\073\150\164\164\160\072\057
\057\167\167\167\056\144\055\164\162\165\163\164\056\156\145\164
\057\143\162\154\057\144\055\164\162\165\163\164\137\162\157\157
\164\137\143\154\141\163\163\137\062\137\143\141\137\062\060\060
\067\056\143\162\154\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\003\202\001\001\000\133\213\362\103\343\005\056
\144\037\325\222\251\121\153\144\374\016\106\314\007\231\342\267
\374\223\051\040\334\374\057\140\344\254\175\045\062\355\020\341
\017\157\333\362\274\116\356\101\311\263\324\007\110\172\012\257
\244\266\377\121\060\355\313\322\234\353\177\120\356\113\342\142

```
\247\064\302\040\366\363\366\365\066\300\313\221\020\353\355\056
\215\364\007\032\041\014\065\167\364\174\055\215\111\245\327\013
\104\150\325\322\342\345\014\170\070\023\312\261\114\122\252\052
\345\325\257\134\005\071\235\055\255\276\043\126\325\057\125\363
\336\235\253\202\066\240\115\267\131\221\107\356\336\203\245\352
\073\136\047\005\200\013\155\054\120\364\001\067\325\243\167\027
\354\376\335\204\364\305\370\120\222\320\113\306\056\243\213\100
\344\303\067\243\167\275\316\054\125\342\254\337\135\144\000\272
\276\247\152\061\006\374\231\153\120\025\045\235\251\166\232\247
\115\052\232\002\143\353\160\347\376\021\046\320\030\305\246\037
\012\103\223\362\030\331\365\071\171\270\007\135\214\037\346\077
\363\305\313\041\146\061\173\173\317
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "D-TRUST Root Class 2 CA 2007"
```

```
# Issuer: CN=D-TRUST Root Class 2 CA 2007,O=D-Trust GmbH,C=DE
```

```
# Serial Number: 200341 (0x30e95)
```

```
# Subject: CN=D-TRUST Root Class 2 CA 2007,O=D-Trust GmbH,C=DE
```

```
# Not Valid Before: Wed May 16 05:20:47 2007
```

```
# Not Valid After: Mon May 16 05:20:47 2022
```

```
# Fingerprint (MD5): 2c:c2:b0:d5:d6:22:c5:2e:90:1e:f4:63:3f:0f:bb:32
```

```
# Fingerprint (SHA1): 4a:05:8f:df:d7:61:db:21:b0:c2:ee:48:57:9b:e2:7f:42:a4:da:1c
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "D-TRUST Root Class 2 CA 2007"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\112\005\217\337\327\141\333\041\260\302\356\110\127\233\342\177
\102\244\332\034
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\054\302\260\325\326\042\305\056\220\036\364\143\077\017\273\062
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\113\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\045\060\043\006\003\125\004\003\014
\034\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\062\040\103\101\040\062\060\060\067
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\003\003\016\225
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Certificate "D-TRUST Root Class 3 CA 2007"
# Issuer: CN=D-TRUST Root Class 3 CA 2007,O=D-Trust GmbH,C=DE
# Serial Number: 200342 (0x30e96)
# Subject: CN=D-TRUST Root Class 3 CA 2007,O=D-Trust GmbH,C=DE
# Not Valid Before: Wed May 16 05:20:47 2007
# Not Valid After: Mon May 16 05:20:47 2022
# Fingerprint (MD5): 1e:24:0e:a0:f8:76:d7:85:a3:f5:f8:a1:49:3d:2e:ba
# Fingerprint (SHA1): fd:1e:d1:e2:02:1b:0b:9f:73:e8:eb:75:ce:23:43:6b:bc:c7:46:eb
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2007"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\113\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\045\060\043\006\003\125\004\003\014
\034\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\060\060\067
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\113\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\045\060\043\006\003\125\004\003\014
\034\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\060\060\067
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\003\016\226
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\225\060\202\003\175\240\003\002\001\002\002\003\003
\016\226\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\113\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165
\163\164\040\107\155\142\110\061\045\060\043\006\003\125\004\003
\014\034\104\055\124\122\125\123\124\040\122\157\157\164\040\103
\154\141\163\163\040\063\040\103\101\040\062\060\060\067\060\036
\027\015\060\067\060\065\061\066\060\065\062\060\064\067\132\027
\015\062\062\060\065\061\066\060\065\062\060\064\067\132\060\113
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\023\006\003\125\004\012\014\014\104\055\124\162\165\163\164\040
\107\155\142\110\061\045\060\043\006\003\125\004\003\014\034\104
\055\124\122\125\123\124\040\122\157\157\164\040\103\154\141\163
\163\040\063\040\103\101\040\062\060\060\067\060\202\001\042\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\001\017\000\060\202\001\012\002\202\001\001\000\272\215\315\065
\123\062\356\246\275\110\220\232\362\352\350\130\017\107\146\250
\314\156\011\022\344\241\313\133\337\223\270\366\351\071\071\370
\306\330\351\317\032\206\274\246\256\017\214\257\010\105\343\362
\216\053\302\134\131\053\372\214\066\263\160\035\310\120\074\245
\126\276\352\256\351\107\366\347\111\017\257\177\224\046\324\002
\032\007\270\272\071\125\316\237\273\042\071\051\330\065\305\231
\003\041\330\247\070\143\361\344\064\337\107\256\237\067\361\154
\240\231\302\042\260\155\162\334\042\311\061\071\350\126\327\240
\217\072\041\133\206\232\117\050\371\034\166\367\314\117\077\371
\116\167\213\052\234\212\252\171\101\212\325\034\331\071\157\230
\311\136\105\227\035\011\224\031\331\120\121\205\162\163\277\254
\113\235\164\064\161\207\041\026\017\176\356\322\111\176\312\111
\323\371\222\052\107\110\117\017\135\132\241\313\325\050\354\360
\222\305\162\103\106\353\263\003\246\363\127\045\112\012\141\204
\012\046\326\357\246\270\330\024\215\170\271\323\267\045\321\116
\343\132\026\252\354\237\007\356\043\020\175\265\002\003\001\000
\001\243\202\001\200\060\202\001\174\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
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\130\240\326\164\124\025\170\277\252\060\071\006\010\053\006\001
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\005\005\007\060\001\206\035\150\164\164\160\072\057\057\165\163
\145\162\163\056\157\143\163\160\056\144\055\164\162\165\163\164
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\020\151\156\146\157\100\144\055\164\162\165\163\164\056\156\145
\164\206\026\150\164\164\160\072\057\057\167\167\167\056\144\055
\164\162\165\163\164\056\156\145\164\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\201\311\006\003\125\035
\037\004\201\301\060\201\276\060\201\273\240\201\270\240\201\265
\206\166\154\144\141\160\072\057\057\144\151\162\145\143\164\157
\162\171\056\144\055\164\162\165\163\164\056\156\145\164\057\103
\116\075\104\055\124\122\125\123\124\045\062\060\122\157\157\164
\045\062\060\103\154\141\163\163\045\062\060\063\045\062\060\103
\101\045\062\060\062\060\060\067\054\117\075\104\055\124\162\165
\163\164\045\062\060\107\155\142\110\054\103\075\104\105\077\143
\145\162\164\151\146\151\143\141\164\145\162\145\166\157\143\141
\164\151\157\156\154\151\163\164\206\073\150\164\164\160\072\057
\057\167\167\167\056\144\055\164\162\165\163\164\056\156\145\164
\057\143\162\154\057\144\055\164\162\165\163\164\137\162\157\157
\164\137\143\154\141\163\163\137\063\137\143\141\137\062\060\060
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\250\206\140\002\151\171\215\175\351\220\302\331\035\035\265\016
\273\163\222\144\143\024\106\114\320\152\273\243\165\135\206\031
\070\141\206\035\270\212\042\064\243\264\065\025\263\251\140\114
\124\027\237\261\336\133\062\342\176\153\336\117\042\360\055\035
\042\004\236\266\112\117\253\054\126\235\343\335\354\261\046\116
\052\327\125\302\076\275\202\327\276\125\273\105\310\051\133\206
\074\235\077\150\104\104\104\066\015\150\277\256\001\242\031\265
\114\227\377\362\226\074\147\262\102\336\017\341\240\227\116\312
\347\064\145\256\225\202\141\147\046\163\055\335\173\347\225\113
\016\041\252\222\256\114\374\306\263\251\345\231\203\062\071\360
\140\302\114\121\250\301\107\024\065\211\245\115\066\017\237\033
\002\161\101\215\102\112\044\370\257\156\235\015\160\206\215\252
\142\023\036\003\213\044\371\303\124\223\111\205\033\165\166\142
\177\042\377\111\275\166\163\014\077\230\255\052\262\372\347\305
\337\164\365\377\151\061\125\012\072\300\031\142\065\304\111\271
\053\031\035\364\160\231\356\330\334
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "D-TRUST Root Class 3 CA 2007"
# Issuer: CN=D-TRUST Root Class 3 CA 2007,O=D-Trust GmbH,C=DE
# Serial Number: 200342 (0x30e96)
# Subject: CN=D-TRUST Root Class 3 CA 2007,O=D-Trust GmbH,C=DE
# Not Valid Before: Wed May 16 05:20:47 2007
# Not Valid After: Mon May 16 05:20:47 2022
# Fingerprint (MD5): 1e:24:0e:a0:f8:76:d7:85:a3:f5:f8:a1:49:3d:2e:ba
# Fingerprint (SHA1): fd:1e:d1:e2:02:1b:0b:9f:73:e8:eb:75:ce:23:43:6b:bc:c7:46:eb
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2007"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\375\036\321\342\002\033\013\237\163\350\353\165\316\043\103\153
\274\307\106\353
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END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\036\044\016\240\370\166\327\205\243\365\370\241\111\075\056\272
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END

```
CKA_ISSUER MULTILINE_OCTAL
\060\113\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\045\060\043\006\003\125\004\003\014
\034\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
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\141\163\163\040\063\040\103\101\040\062\060\060\067

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\003\003\016\226

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "SSC Root CA A"

Issuer: CN=SSC Root CA A,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT

Serial Number:66:07:a3:d2:9d:29:56:18:0e:e1:5e:59:98:b1:84:55

Subject: CN=SSC Root CA A,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT

Not Valid Before: Wed Dec 27 12:18:52 2006

Not Valid After: Mon Dec 28 12:05:04 2026

Fingerprint (MD5): 46:8c:21:0e:ab:92:21:46:59:db:a6:db:00:61:de:26

Fingerprint (SHA1): 5a:5a:4d:af:78:61:26:7c:4b:1f:1e:67:58:6b:ae:6e:d4:fe:b9:3f

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SSC Root CA A"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\164\061\013\060\011\006\003\125\004\006\023\002\114\124\061

\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155

\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141

\166\151\155\157\040\143\145\156\164\162\141\163\061\040\060\036

\006\003\125\004\013\023\027\103\145\162\164\151\146\151\143\141

\164\151\157\156\040\101\165\164\150\157\162\151\164\171\061\026

\060\024\006\003\125\004\003\023\015\123\123\103\040\122\157\157

\164\040\103\101\040\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\164\061\013\060\011\006\003\125\004\006\023\002\114\124\061

\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155

\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141

\166\151\155\157\040\143\145\156\164\162\141\163\061\040\060\036

\006\003\125\004\013\023\027\103\145\162\164\151\146\151\143\141

\164\151\157\156\040\101\165\164\150\157\162\151\164\171\061\026

\060\024\006\003\125\004\003\023\015\123\123\103\040\122\157\157

\164\040\103\101\040\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\146\007\243\322\235\051\126\030\016\341\136\131\230\261

\204\125

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\052\060\202\004\022\240\003\002\001\002\002\020\146
\007\243\322\235\051\126\030\016\341\136\131\230\261\204\125\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\164
\061\013\060\011\006\003\125\004\006\023\002\114\124\061\053\060
\051\006\003\125\004\012\023\042\123\153\141\151\164\155\145\156
\151\156\151\157\040\163\145\162\164\151\146\151\153\141\166\151
\155\157\040\143\145\156\164\162\141\163\061\040\060\036\006\003
\125\004\013\023\027\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\026\060\024
\006\003\125\004\003\023\015\123\123\103\040\122\157\157\164\040
\103\101\040\101\060\036\027\015\060\066\061\062\062\067\061\062
\061\070\065\062\132\027\015\062\066\061\062\062\070\061\062\060
\065\060\064\132\060\164\061\013\060\011\006\003\125\004\006\023
\002\114\124\061\053\060\051\006\003\125\004\012\023\042\123\153
\141\151\164\155\145\156\151\156\151\157\040\163\145\162\164\151
\146\151\153\141\166\151\155\157\040\143\145\156\164\162\141\163
\061\040\060\036\006\003\125\004\013\023\027\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\061\026\060\024\006\003\125\004\003\023\015\123\123\103
\040\122\157\157\164\040\103\101\040\101\060\202\002\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002
\017\000\060\202\002\012\002\202\002\001\000\272\352\117\276\204
\300\031\044\212\041\251\114\231\175\367\014\325\245\121\222\250
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\276\020\154\176\351\120\156\166\367\345\344\203\017\170\325\240
\163\365\215\321\231\037\224\104\043\226\306\356\162\132\371\332
\135\074\221\257\154\350\227\350\206\135\367\236\213\372\304\254
\146\117\344\162\077\073\335\236\116\065\322\023\037\175\273\104
\113\364\123\254\326\024\327\100\071\272\300\077\374\205\040\323
\304\000\320\347\330\107\231\004\171\207\206\100\262\254\136\311
\165\040\303\011\024\257\004\216\246\242\255\052\127\210\145\241
\314\050\276\066\311\037\045\017\303\153\042\204\071\167\116\072
\003\300\152\333\076\272\266\211\236\344\327\056\232\267\103\001
\077\371\332\254\251\254\344\167\063\207\355\013\071\335\307\301
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\102\261\200\253\370\230\377\363\051\206\026\021\044\116\011\241
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\155\167\002\242\106\136\371\151\057\373\073\030\225\137\216\134
\227\224\140\136\035\161\250\101\264\135\317\132\172\147\343\324
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\210\014\102\320\055\155\251\247\100\046\072\171\000\060\073\300
\273\104\230\255\044\316\321\226\334\211\170\201\366\132\133\102
\274\164\341\207\323\145\310\107\346\066\262\314\301\157\300\307
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\245\311\175\114\012\176\057\217\157\375\335\055\173\112\351\357
\064\333\273\176\377\014\157\067\372\371\303\314\311\057\321\351
\054\075\052\254\154\046\073\320\011\136\304\200\047\213\335\141
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\001\321\343\314\307\323\036\025\005\066\333\224\232\354\122\303
\221\307\057\261\364\003\367\007\254\323\113\221\253\126\074\320
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\154\164\057\143\160\163\060\063\006\003\125\035\037\004\054\060
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\143\162\154\056\163\163\143\056\154\164\057\162\157\157\164\055
\141\057\143\141\143\162\154\056\143\162\154\060\016\006\003\125
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\151\056\012\070\233\167\121\123\003\360\060\015\006\011\052\206
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\236\006\137\102\326\361\375\312\213\121\077\341\307\145\151\117
\164\031\120\212\317\030\223\111\215\240\034\260\073\075\216\110
\223\331\350\005\176\304\011\261\017\122\212\153\227\157\327\216
\074\200\000\320\101\163\255\075\303\104\007\161\152\217\142\176
\005\330\123\140\162\261\001\351\000\142\252\015\330\330\111\302
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\274\262\022\216\166\144\165\114\015\315\302\056\263\130\374\172
\117\125\263\131\177\135\340\057\060\063\317\210\033\151\351\115
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\226\055\034\003\034\060\203\021\226\102\251\230\244\235\137\311
\251\134\073\111\150\302\204\155\231\332\366\376\242\362\334\067
\136\215\172\345\245\127\312\043\113\223\135\222\052\125\204\263
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\020\206\175\271\201\203\156\234\146\116\225\005\222\220\061\207
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\043\150\253\162\171\205\315\106\346\172\247\202\132\050\320\025
\075\035\333\214\230\120\316\373\257\130\073\323\251\256\200\073
\026\000\166\047\325\160\351\011\215\066\224\011\177\343\357\140
\020\121\312\306\125\160\146\253\121\157\363\121\117\022\126\256
\373\327\331\015\340\372\253\020\336\152\201\254\205\167\055\254

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\216\244\104\175\302\313\313\247\017\350\022\272\362\156\272\217
\063\060\033\335\051\370\360\102\243\156\102\245\156\372\126\245
\251\120\203\321\005\146\026\213\055\373\346\222\321\346\154\013
\325\132\051\155\053\317\171\327\331\332\117\360\150\266
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "SSC Root CA A"

Issuer: CN=SSC Root CA A,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT

Serial Number:66:07:a3:d2:9d:29:56:18:0e:e1:5e:59:98:b1:84:55

Subject: CN=SSC Root CA A,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT

Not Valid Before: Wed Dec 27 12:18:52 2006

Not Valid After: Mon Dec 28 12:05:04 2026

Fingerprint (MD5): 46:8c:21:0e:ab:92:21:46:59:db:a6:db:00:61:de:26

Fingerprint (SHA1): 5a:5a:4d:af:78:61:26:7c:4b:1f:1e:67:58:6b:ae:6e:d4:fe:b9:3f

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SSC Root CA A"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

```
\132\132\115\257\170\141\046\174\113\037\036\147\130\153\256\156
\324\376\271\077
```

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

```
\106\214\041\016\253\222\041\106\131\333\246\333\000\141\336\046
```

END

CKA_ISSUER MULTILINE_OCTAL

```
\060\164\061\013\060\011\006\003\125\004\006\023\002\114\124\061
\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155
\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141
\166\151\155\157\040\143\145\156\164\162\141\163\061\040\060\036
\006\003\125\004\013\023\027\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\061\026
\060\024\006\003\125\004\003\023\015\123\123\103\040\122\157\157
\164\040\103\101\040\101
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END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

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\002\020\146\007\243\322\235\051\126\030\016\341\136\131\230\261
\204\125
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END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "SSC Root CA B"
Issuer: CN=SSC Root CA B,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT
Serial Number:be:92:83:18:f3:55:8a:78:a3:67:59:1c:69:24:09:3f
Subject: CN=SSC Root CA B,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT
Not Valid Before: Wed Dec 27 12:22:50 2006
Not Valid After: Fri Dec 25 12:08:26 2026
Fingerprint (MD5): da:26:b6:e6:c7:c2:f7:b7:9e:46:59:b3:57:77:18:65
Fingerprint (SHA1): 3e:84:d3:bc:c5:44:c0:f6:fa:19:43:5c:85:1f:3f:cb:a8:e8:14

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSC Root CA B"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\164\061\013\060\011\006\003\125\004\006\023\002\114\124\061
\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155
\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141
\166\151\155\157\040\143\145\156\164\162\141\163\061\040\060\036
\006\003\125\004\013\023\027\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\061\026
\060\024\006\003\125\004\003\023\015\123\123\103\040\122\157\157
\164\040\103\101\040\102

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\164\061\013\060\011\006\003\125\004\006\023\002\114\124\061
\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155
\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141
\166\151\155\157\040\143\145\156\164\162\141\163\061\040\060\036
\006\003\125\004\013\023\027\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\061\026
\060\024\006\003\125\004\003\023\015\123\123\103\040\122\157\157
\164\040\103\101\040\102

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\276\222\203\030\363\125\212\170\243\147\131\034\151
\044\011\077

END

CKA_VALUE MULTILINE_OCTAL
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\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\164\061\013\060\011\006\003\125\004\006\023\002\114\124\061\053

\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155\145
\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141\166
\151\155\157\040\143\145\156\164\162\141\163\061\040\060\036\006
\003\125\004\013\023\027\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\026\060
\024\006\003\125\004\003\023\015\123\123\103\040\122\157\157\164
\040\103\101\040\102\060\036\027\015\060\066\061\062\062\067\061
\062\062\062\065\060\132\027\015\062\066\061\062\062\065\061\062
\060\070\062\066\132\060\164\061\013\060\011\006\003\125\004\006
\023\002\114\124\061\053\060\051\006\003\125\004\012\023\042\123
\153\141\151\164\155\145\156\151\156\151\157\040\163\145\162\164
\151\146\151\153\141\166\151\155\157\040\143\145\156\164\162\141
\163\061\040\060\036\006\003\125\004\013\023\027\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\061\026\060\024\006\003\125\004\003\023\015\123\123
\103\040\122\157\157\164\040\103\101\040\102\060\202\002\042\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\002\017\000\060\202\002\012\002\202\002\001\000\301\363\125\365
\107\121\116\125\027\145\215\260\262\101\050\241\112\321\237\113
\366\163\377\076\322\311\115\131\077\344\267\307\237\006\135\330
\074\243\210\204\340\163\135\375\005\352\307\216\327\244\004\152
\353\237\275\103\375\024\222\106\270\305\272\252\355\140\354\354
\312\220\215\012\162\251\101\233\324\235\274\260\154\242\021\037
\144\313\347\035\324\105\147\016\011\153\345\170\354\361\077\004
\124\363\232\231\307\131\321\322\171\247\244\032\260\174\111\374
\034\207\124\136\170\006\325\335\035\314\205\240\102\170\325\320
\260\212\352\350\361\241\236\126\357\323\301\175\207\254\347\332
\150\117\031\326\157\340\223\255\111\134\163\024\301\106\152\235
\367\130\100\331\127\130\116\154\067\364\162\043\004\370\333\112
\260\336\361\101\226\022\100\241\025\213\147\270\136\170\126\313
\177\344\276\300\111\150\221\270\107\010\223\201\301\265\033\061
\006\323\200\173\321\105\241\317\014\075\141\363\222\370\361\260
\025\016\370\056\060\133\000\243\111\367\155\376\356\334\277\210
\317\360\175\127\076\257\300\321\212\353\174\322\155\061\125\372
\204\215\163\152\332\160\200\304\364\302\317\220\216\060\232\341
\306\065\162\001\010\346\077\346\146\000\243\362\370\222\035\274
\122\354\217\366\334\367\012\357\274\020\207\371\204\030\214\136
\037\003\270\377\065\057\001\152\345\360\133\142\174\343\263\177
\063\252\224\327\116\121\201\265\350\127\170\217\042\226\251\014
\211\124\076\266\356\331\163\137\144\364\104\341\361\152\030\377
\122\226\304\034\277\211\227\244\303\247\312\176\030\156\026\334
\023\214\273\325\265\045\011\206\257\366\057\105\224\052\060\301
\024\224\065\366\135\312\045\225\234\261\130\211\270\265\140\205
\311\306\276\024\031\243\076\371\126\205\253\312\154\326\231\171
\242\112\024\157\303\072\330\347\146\121\012\351\034\376\314\151
\346\064\154\364\201\333\175\242\021\370\114\304\207\005\026\075
\353\227\164\077\156\354\234\271\266\047\214\044\337\055\263\257
\335\023\141\166\217\377\362\114\340\010\031\060\062\044\062\134

\066\200\027\356\206\311\337\057\121\342\126\256\203\222\360\263
\275\330\207\072\054\236\304\334\151\231\371\313\002\003\001\000
\001\243\201\267\060\201\264\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\075\006\003\125\035\040\004
\066\060\064\060\062\006\013\053\006\001\004\001\201\257\145\001
\002\000\060\043\060\041\006\010\053\006\001\005\005\007\002\001
\026\025\150\164\164\160\072\057\057\167\167\167\056\163\163\143
\056\154\164\057\143\160\163\060\063\006\003\125\035\037\004\054
\060\052\060\050\240\046\240\044\206\042\150\164\164\160\072\057
\057\143\162\154\056\163\163\143\056\154\164\057\162\157\157\164
\055\142\057\143\141\143\162\154\056\143\162\154\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003
\125\035\016\004\026\004\024\234\003\360\250\322\230\162\150\256
\362\355\340\117\342\205\016\262\045\116\317\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\002\001\000\254
\134\274\057\374\256\001\044\246\020\076\254\250\341\247\047\231
\215\312\210\301\035\075\221\366\242\176\245\361\230\101\377\252
\141\370\011\276\315\032\045\141\164\264\303\257\102\132\011\017
\221\001\276\110\225\364\312\167\136\013\203\316\204\235\317\100
\375\200\054\275\343\146\065\012\270\261\372\140\332\345\330\124
\265\113\227\272\242\032\303\040\151\215\264\106\163\134\252\277
\275\173\377\032\060\064\130\100\371\053\140\013\171\104\371\367
\242\226\013\153\122\173\360\053\113\073\322\213\240\153\223\075
\311\127\143\212\153\314\120\023\217\167\250\121\276\032\114\055
\114\135\014\220\133\216\363\357\120\040\155\201\346\121\111\253
\304\347\327\135\010\053\121\374\075\106\022\347\321\245\166\305
\123\044\005\311\252\323\216\130\305\363\212\164\222\062\355\360
\057\335\253\255\351\322\065\217\164\043\343\231\000\342\213\060
\344\303\102\256\360\273\351\342\010\033\112\160\055\175\370\322
\232\047\221\102\160\165\172\010\176\276\057\034\177\067\075\250
\213\334\106\162\365\350\157\066\150\372\156\215\040\235\324\365
\007\161\277\275\047\102\271\163\050\326\354\111\264\005\205\117
\150\110\366\253\224\337\016\243\106\024\140\302\061\040\073\353
\056\133\336\325\241\054\155\345\122\372\201\137\227\210\311\143
\275\001\354\343\315\153\012\065\302\311\070\343\016\363\130\033
\175\332\220\155\267\365\310\130\126\235\256\001\337\221\235\255
\125\202\003\014\021\164\004\221\206\307\174\223\214\363\047\373
\305\044\127\156\213\331\033\230\235\210\061\360\257\167\270\015
\264\314\317\366\012\157\022\233\354\011\053\123\211\354\104\340
\241\151\213\250\164\206\164\030\122\340\322\277\240\241\145\041
\271\010\203\172\363\244\365\370\136\067\045\107\231\246\135\327
\042\132\333\223\147\027\333\020\343\214\321\022\221\107\212\225
\245\107\241\003\370\113\056\041\305\220\142\260\177\047\243\333
\025\177\070\177\154\177\116\005\305\003\264\055\337\105\137\165
\054\035\361\137\246\265\366\027\071\101\351\370\145\302\036\130
\021\312\174\216\342\265\272\222\017\147\267\217\353\231\324\061
\373\162\173\132\230\137\222\224\307\004\352\060\366\273\032

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "SSC Root CA B"

Issuer: CN=SSC Root CA B,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT

Serial Number:be:92:83:18:f3:55:8a:78:a3:67:59:1c:69:24:09:3f

Subject: CN=SSC Root CA B,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT

Not Valid Before: Wed Dec 27 12:22:50 2006

Not Valid After: Fri Dec 25 12:08:26 2026

Fingerprint (MD5): da:26:b6:e6:c7:c2:f7:b7:9e:46:59:b3:57:77:18:65

Fingerprint (SHA1): 3e:84:d3:bc:c5:44:c0:f6:fa:19:43:5c:85:1f:3f:2f:cb:a8:e8:14

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SSC Root CA B"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\076\204\323\274\305\104\300\366\372\031\103\134\205\037\077\057
\313\250\350\024

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\332\046\266\346\307\302\367\267\236\106\131\263\127\167\030\145

END

CKA_ISSUER MULTILINE_OCTAL

\060\164\061\013\060\011\006\003\125\004\006\023\002\114\124\061
\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155
\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141
\166\151\155\157\040\143\145\156\164\162\141\163\061\040\060\036
\006\003\125\004\013\023\027\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\061\026
\060\024\006\003\125\004\003\023\015\123\123\103\040\122\157\157
\164\040\103\101\040\102

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\021\000\276\222\203\030\363\125\212\170\243\147\131\034\151
\044\011\077

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "SSC Root CA C"

Issuer: CN=SSC Root CA C,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT

Serial Number:34:b9:12:9f:ac:c7:92:55:42:5c:de:57:ff:e3:c0:05

```
# Subject: CN=SSC Root CA C,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT
# Not Valid Before: Wed Dec 27 12:26:30 2006
# Not Valid After: Tue Dec 22 12:11:30 2026
# Fingerprint (MD5): 3c:4c:25:cc:0a:19:ca:ee:6a:eb:55:16:00:86:72:5f
# Fingerprint (SHA1): 23:e8:33:23:3e:7d:0c:c9:2b:7c:42:79:ac:19:c2:f4:74:d6:04:ca
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSC Root CA C"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\164\061\013\060\011\006\003\125\004\006\023\002\114\124\061
\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155
\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141
\166\151\155\157\040\143\145\156\164\162\141\163\061\040\060\036
\006\003\125\004\013\023\027\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\061\026
\060\024\006\003\125\004\003\023\015\123\123\103\040\122\157\157
\164\040\103\101\040\103
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\164\061\013\060\011\006\003\125\004\006\023\002\114\124\061
\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155
\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141
\166\151\155\157\040\143\145\156\164\162\141\163\061\040\060\036
\006\003\125\004\013\023\027\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\061\026
\060\024\006\003\125\004\003\023\015\123\123\103\040\122\157\157
\164\040\103\101\040\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\064\271\022\237\254\307\222\125\102\134\336\127\377\343
\300\005
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\052\060\202\004\022\240\003\002\001\002\002\020\064
\271\022\237\254\307\222\125\102\134\336\127\377\343\300\005\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\164
\061\013\060\011\006\003\125\004\006\023\002\114\124\061\053\060
\051\006\003\125\004\012\023\042\123\153\141\151\164\155\145\156
\151\156\151\157\040\163\145\162\164\151\146\151\153\141\166\151
\155\157\040\143\145\156\164\162\141\163\061\040\060\036\006\003
\125\004\013\023\027\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\026\060\024
\006\003\125\004\003\023\015\123\123\103\040\122\157\157\164\040
\103\101\040\103\060\036\027\015\060\066\061\062\062\067\061\062
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\062\066\063\060\132\027\015\062\066\061\062\062\062\061\062\061
\061\063\060\132\060\164\061\013\060\011\006\003\125\004\006\023
\002\114\124\061\053\060\051\006\003\125\004\012\023\042\123\153
\141\151\164\155\145\156\151\156\151\157\040\163\145\162\164\151
\146\151\153\141\166\151\155\157\040\143\145\156\164\162\141\163
\061\040\060\036\006\003\125\004\013\023\027\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\061\026\060\024\006\003\125\004\003\023\015\123\123\103
\040\122\157\157\164\040\103\101\040\103\060\202\002\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002
\017\000\060\202\002\012\002\202\002\001\000\241\105\042\372\214
\314\251\157\004\263\364\150\062\026\151\021\117\171\337\103\275
\121\140\160\032\230\335\170\170\226\230\142\367\160\113\201\250
\340\035\004\211\364\217\353\156\351\360\377\201\330\056\175\257
\027\040\361\042\357\360\077\105\107\100\264\313\262\270\040\077
\076\112\150\120\377\232\006\327\227\305\267\212\026\056\161\322
\107\163\135\030\145\057\357\071\063\350\266\125\257\046\255\002
\200\351\143\327\041\160\007\076\314\276\137\211\300\370\316\035
\045\156\303\374\177\126\071\141\321\216\302\046\172\347\170\002
\012\131\335\125\043\260\370\065\247\342\253\363\253\057\327\265
\213\012\052\162\124\053\155\171\274\362\331\351\103\371\317\361
\216\146\022\367\227\131\052\331\327\224\334\370\224\263\105\243
\257\026\055\263\200\312\075\316\350\246\307\012\224\164\374\067
\232\351\077\014\067\026\040\103\311\107\160\273\214\205\374\230
\211\051\313\207\031\176\031\123\020\211\200\165\256\023\361\277
\244\135\060\005\051\174\250\367\266\136\007\060\025\210\256\115
\025\240\312\315\327\377\253\243\006\127\017\247\343\211\151\034
\326\032\321\324\047\337\226\306\070\134\257\167\376\025\253\104
\101\175\323\230\273\250\040\030\257\213\155\324\132\302\330\226
\215\110\365\007\061\176\141\364\141\233\122\201\100\216\112\047
\004\262\007\323\002\020\224\363\373\335\261\173\160\270\264\310
\201\365\000\007\246\215\210\005\115\304\217\226\316\324\266\300
\301\146\214\052\254\150\112\311\106\334\015\346\056\250\171\050
\175\167\103\160\026\176\034\032\072\246\171\117\023\100\211\261
\062\273\011\106\021\015\164\274\047\345\330\355\055\372\120\051
\334\045\312\227\020\347\251\242\141\056\072\211\246\104\141\276
\117\136\222\011\355\334\056\246\357\123\273\141\045\330\047\245
\024\106\051\205\046\000\330\371\371\005\325\173\026\061\102\103
\005\027\221\234\112\140\100\044\155\265\155\172\171\373\234\232
\143\303\230\151\345\167\142\043\052\121\211\017\154\262\375\303
\312\330\364\032\103\224\320\175\013\341\130\076\032\310\164\204
\233\367\254\202\256\121\105\222\322\006\131\341\263\301\336\245
\037\223\042\171\330\315\304\171\140\043\225\002\003\001\000\001
\243\201\267\060\201\264\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\075\006\003\125\035\040\004\066
\060\064\060\062\006\013\053\006\001\004\001\201\257\145\001\002
\000\060\043\060\041\006\010\053\006\001\005\005\007\002\001\026
\025\150\164\164\160\072\057\057\167\167\167\056\163\163\143\056

\154\164\057\143\160\163\060\063\006\003\125\035\037\004\054\060
\052\060\050\240\046\240\044\206\042\150\164\164\160\072\057\057
\143\162\154\056\163\163\143\056\154\164\057\162\157\157\164\055
\143\057\143\141\143\162\154\056\143\162\154\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125
\035\016\004\026\004\024\210\007\163\366\361\274\122\032\132\035
\075\221\142\355\135\254\235\013\345\267\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\037\220
\161\120\230\325\331\064\322\226\204\030\302\254\106\002\040\034
\313\071\261\267\257\005\244\327\130\363\221\121\175\216\201\047
\234\350\222\261\347\034\237\072\213\020\122\163\114\302\307\102
\035\320\353\336\052\312\042\121\175\214\164\172\032\374\274\244
\363\163\310\146\043\304\056\103\020\107\340\212\151\127\356\057
\362\000\122\260\060\222\252\326\324\025\305\127\313\140\172\364
\016\215\376\036\011\143\164\217\340\376\276\120\331\001\071\126
\272\120\114\366\343\105\232\273\122\166\336\176\235\373\215\302
\124\061\076\307\261\074\076\337\343\117\375\335\233\044\151\174
\355\350\161\266\102\006\307\037\305\137\373\040\165\333\301\375
\351\154\242\052\220\324\206\375\315\015\377\340\005\212\130\141
\075\237\304\231\057\355\333\174\304\015\230\230\125\234\164\242
\027\136\333\252\021\344\067\014\044\377\040\147\321\045\333\232
\211\240\145\210\061\221\004\161\137\040\224\130\063\066\035\062
\336\157\327\147\010\251\240\073\375\333\244\120\045\226\036\251
\137\211\027\245\227\231\121\225\151\333\304\361\217\364\157\060
\053\131\363\254\165\207\063\175\006\335\341\301\153\326\304\311
\136\160\104\172\152\307\234\167\073\026\376\376\165\276\237\054
\321\300\003\356\021\171\165\354\251\133\034\172\205\265\050\120
\040\251\032\035\346\173\214\063\030\377\301\355\310\166\145\037
\035\360\114\073\247\333\352\315\126\330\224\127\077\340\110\251
\177\214\063\113\275\364\014\145\024\200\202\364\065\167\330\004
\020\160\316\017\154\301\131\313\231\255\201\356\336\075\110\320
\172\210\057\100\223\327\234\272\171\204\030\200\165\337\320\132
\337\121\167\076\130\211\151\165\107\061\344\152\026\160\124\004
\354\275\134\171\123\143\322\342\136\275\115\045\332\021\266\017
\252\351\054\256\365\321\251\215\002\126\313\374\260\044\352\214
\272\160\377\062\320\267\306\004\052\143\325\312\106\221\325\231
\162\011\007\136\050\003\253\022\034\045\263\154\072\131\145\264
\164\155\055\055\031\162\157\375\347\230\021\207\036\163\043\277
\065\361\233\266\303\331\314\073\120\174\162\350\317\136\300\230
\314\056\003\375\037\057\312\164\134\261\034\321\354\151

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "SSC Root CA C"

Issuer: CN=SSC Root CA C,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT

```
# Serial Number:34:b9:12:9f:ac:c7:92:55:42:5c:de:57:ff:e3:c0:05
# Subject: CN=SSC Root CA C,OU=Certification Authority,O=Skaitmeninio sertifikavimo centras,C=LT
# Not Valid Before: Wed Dec 27 12:26:30 2006
# Not Valid After: Tue Dec 22 12:11:30 2026
# Fingerprint (MD5): 3c:4c:25:cc:0a:19:ca:ee:6a:eb:55:16:00:86:72:5f
# Fingerprint (SHA1): 23:e8:33:23:3e:7d:0c:c9:2b:7c:42:79:ac:19:c2:f4:74:d6:04:ca
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSC Root CA C"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\043\350\063\043\076\175\014\311\053\174\102\171\254\031\302\364
\164\326\004\312
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\074\114\045\314\012\031\312\356\152\353\125\026\000\206\162\137
END
CKA_ISSUER MULTILINE_OCTAL
\060\164\061\013\060\011\006\003\125\004\006\023\002\114\124\061
\053\060\051\006\003\125\004\012\023\042\123\153\141\151\164\155
\145\156\151\156\151\157\040\163\145\162\164\151\146\151\153\141
\166\151\155\157\040\143\145\156\164\162\141\163\061\040\060\036
\006\003\125\004\013\023\027\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\061\026
\060\024\006\003\125\004\003\023\015\123\123\103\040\122\157\157
\164\040\103\101\040\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\064\271\022\237\254\307\222\125\102\134\336\127\377\343
\300\005
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Autoridad de Certificacion de la Abogacia"
# Issuer: CN=Autoridad de Certificacion de la Abogacia,O=Consejo General de la Abogacia NIF:Q-2863006I,C=ES
# Serial Number:90:8b:32:4f:c1:90:1a:ce:b4:c3:38:09:cd:cf:e4
# Subject: CN=Autoridad de Certificacion de la Abogacia,O=Consejo General de la Abogacia NIF:Q-
2863006I,C=ES
# Not Valid Before: Mon Jun 13 22:00:00 2005
# Not Valid After: Thu Jun 13 22:00:00 2030
# Fingerprint (MD5): 15:ee:9f:5a:a0:85:28:df:6b:dd:34:a3:a0:56:d8:30
# Fingerprint (SHA1): 7f:8a:77:83:6b:dc:6d:06:8f:8b:07:37:fc:c5:72:54:13:06:8c:a4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion de la Abogacia"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\171\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\066\060\064\006\003\125\004\012\023\055\103\157\156\163\145\152
\157\040\107\145\156\145\162\141\154\040\144\145\040\154\141\040
\101\142\157\147\141\143\151\141\040\116\111\106\072\121\055\062
\070\066\063\060\060\066\111\061\062\060\060\006\003\125\004\003
\023\051\101\165\164\157\162\151\144\141\144\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\156\040\144\145\040
\154\141\040\101\142\157\147\141\143\151\141
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\171\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\066\060\064\006\003\125\004\012\023\055\103\157\156\163\145\152
\157\040\107\145\156\145\162\141\154\040\144\145\040\154\141\040
\101\142\157\147\141\143\151\141\040\116\111\106\072\121\055\062
\070\066\063\060\060\066\111\061\062\060\060\006\003\125\004\003
\023\051\101\165\164\157\162\151\144\141\144\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\156\040\144\145\040
\154\141\040\101\142\157\147\141\143\151\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\220\213\062\117\301\220\032\316\264\303\070\011\315
\317\344
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\274\060\202\003\244\240\003\002\001\002\002\020\000
\220\213\062\117\301\220\032\316\264\303\070\011\315\317\344\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\171
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\066\060
\064\006\003\125\004\012\023\055\103\157\156\163\145\152\157\040
\107\145\156\145\162\141\154\040\144\145\040\154\141\040\101\142
\157\147\141\143\151\141\040\116\111\106\072\121\055\062\070\066
\063\060\060\066\111\061\062\060\060\006\003\125\004\003\023\051
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\040\144\145\040\154\141
\040\101\142\157\147\141\143\151\141\060\036\027\015\060\065\060
\066\061\063\062\062\060\060\060\060\132\027\015\063\060\060\066
\061\063\062\062\060\060\060\060\132\060\171\061\013\060\011\006
\003\125\004\006\023\002\105\123\061\066\060\064\006\003\125\004
\012\023\055\103\157\156\163\145\152\157\040\107\145\156\145\162
\141\154\040\144\145\040\154\141\040\101\142\157\147\141\143\151
\141\040\116\111\106\072\121\055\062\070\066\063\060\060\066\111
```

\061\062\060\060\006\003\125\004\003\023\051\101\165\164\157\162
\151\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143
\141\143\151\157\156\040\144\145\040\154\141\040\101\142\157\147
\141\143\151\141\060\202\001\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012
\002\202\001\001\000\264\262\127\356\205\360\043\350\015\373\262
\200\204\361\020\147\253\262\371\111\337\134\336\133\344\217\051
\031\123\311\325\350\034\120\153\141\002\214\207\360\217\074\301
\105\222\013\254\231\241\306\032\205\326\075\255\176\046\246\035
\270\075\262\263\076\212\305\012\062\323\113\221\357\111\165\176
\126\367\376\240\010\142\106\053\316\352\362\121\237\140\336\062
\310\355\032\247\317\165\134\353\075\300\275\232\110\245\206\224
\316\130\120\024\352\152\341\232\364\214\145\225\341\140\025\045
\225\022\366\272\170\213\262\300\355\346\154\227\044\132\035\344
\164\103\312\070\304\065\224\130\216\365\212\260\150\074\050\054
\104\226\011\277\011\133\162\012\347\147\074\220\271\124\070\164
\124\273\155\055\152\103\310\274\357\011\254\037\043\350\122\126
\136\065\027\137\053\273\136\315\145\122\245\024\174\073\262\252
\351\335\047\265\067\043\073\006\015\054\173\215\272\332\157\146
\027\206\247\266\327\036\007\135\036\154\031\227\310\345\043\163
\170\321\256\371\036\272\241\256\111\042\355\145\161\037\177\367
\132\164\104\215\103\002\003\001\000\001\243\202\001\076\060\202
\001\072\060\067\006\003\125\035\021\004\060\060\056\201\021\141
\143\100\141\143\141\142\157\147\141\143\151\141\056\157\162\147
\206\031\150\164\164\160\072\057\057\167\167\167\056\141\143\141
\142\157\147\141\143\151\141\056\157\162\147\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\021\006\011
\140\206\110\001\206\370\102\001\001\004\004\003\002\000\007\060
\035\006\003\125\035\016\004\026\004\024\374\210\114\216\155\004
\241\040\220\323\370\034\232\263\147\004\137\171\200\306\060\201
\253\006\003\125\035\040\004\201\243\060\201\240\060\201\235\006
\013\053\006\001\004\001\201\201\025\012\001\001\060\201\215\060
\051\006\010\053\006\001\005\005\007\002\001\026\035\150\164\164
\160\072\057\057\167\167\167\056\141\143\141\142\157\147\141\143
\151\141\056\157\162\147\057\144\157\143\060\140\006\010\053\006
\001\005\005\007\002\002\060\124\032\122\103\157\156\163\165\154
\164\145\040\154\141\040\144\145\143\154\141\162\141\143\151\157
\156\040\144\145\040\160\162\141\143\164\151\143\141\163\040\144
\145\040\143\145\162\164\151\146\151\143\141\143\151\157\156\040
\145\156\040\150\164\164\160\072\057\057\167\167\167\056\141\143
\141\142\157\147\141\143\151\141\056\157\162\147\060\015\006\011
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000
\230\247\372\071\265\163\021\046\177\274\211\077\264\153\045\063
\061\012\206\070\153\311\036\025\227\024\340\322\114\055\205\364
\074\164\233\215\050\021\373\314\016\046\271\200\203\026\321\371
\106\230\266\106\007\216\146\205\155\160\300\272\114\200\363\244
\360\325\067\124\053\257\146\204\162\163\371\110\057\011\316\341

```
\205\001\312\217\340\207\336\240\227\320\224\264\015\265\115\016
\147\054\310\140\304\062\224\300\101\201\007\215\272\277\251\350
\014\100\232\102\170\005\135\201\353\142\034\344\117\024\012\075
\013\076\037\351\364\315\175\356\105\273\274\336\135\363\230\227
\046\173\306\023\051\370\053\177\032\324\352\372\262\156\040\236
\332\027\352\241\222\275\067\351\016\273\273\221\325\045\366\140
\135\205\041\120\133\377\124\135\365\113\073\264\303\051\021\130
\002\366\045\344\341\202\202\273\242\215\347\221\044\136\100\221
\236\107\007\214\063\127\324\142\061\121\166\165\205\103\157\011
\253\021\245\045\051\271\330\377\137\245\367\077\353\145\073\035
\357\206\345\026\042\325\036\312\062\151\175\176\005\327\060\047
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Autoridad de Certificacion de la Abogacia"
# Issuer: CN=Autoridad de Certificacion de la Abogacia,O=Consejo General de la Abogacia NIF:Q-2863006I,C=ES
# Serial Number:90:8b:32:4f:c1:90:1a:ce:b4:c3:38:09:cd:cf:e4
# Subject: CN=Autoridad de Certificacion de la Abogacia,O=Consejo General de la Abogacia NIF:Q-
2863006I,C=ES
```

```
# Not Valid Before: Mon Jun 13 22:00:00 2005
# Not Valid After: Thu Jun 13 22:00:00 2030
# Fingerprint (MD5): 15:ee:9f:5a:a0:85:28:df:6b:dd:34:a3:a0:56:d8:30
# Fingerprint (SHA1): 7f:8a:77:83:6b:dc:6d:06:8f:8b:07:37:fc:c5:72:54:13:06:8c:a4
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion de la Abogacia"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\177\212\167\203\153\334\155\006\217\213\007\067\374\305\162\124
\023\006\214\244
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\025\356\237\132\240\205\050\337\153\335\064\243\240\126\330\060
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\171\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\066\060\064\006\003\125\004\012\023\055\103\157\156\163\145\152
\157\040\107\145\156\145\162\141\154\040\144\145\040\154\141\040
\101\142\157\147\141\143\151\141\040\116\111\106\072\121\055\062
\070\066\063\060\060\066\111\061\062\060\060\006\003\125\004\003
\023\051\101\165\164\157\162\151\144\141\144\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\156\040\144\145\040
\154\141\040\101\142\157\147\141\143\151\141
END
```

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\220\213\062\117\301\220\032\316\264\303\070\011\315
\317\344
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Root CA Generalitat Valenciana"
# Issuer: CN=Root CA Generalitat Valenciana,OU=PKIGVA,O=Generalitat Valenciana,C=ES
# Serial Number:3b:45:e5:68
# Subject: CN=Root CA Generalitat Valenciana,OU=PKIGVA,O=Generalitat Valenciana,C=ES
# Not Valid Before: Fri Jul 06 16:22:47 2001
# Not Valid After: Thu Jul 01 15:22:47 2021
# Fingerprint (MD5): 2c:8c:17:5e:b1:54:ab:93:17:b5:36:5a:db:d1:c6:f2
# Fingerprint (SHA1): a0:73:e5:c5:bd:43:61:0d:86:4c:21:13:0a:85:58:57:cc:9c:ea:46
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Root CA Generalitat Valenciana"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\037\060\035\006\003\125\004\012\023\026\107\145\156\145\162\141
\154\151\164\141\164\040\126\141\154\145\156\143\151\141\156\141
\061\017\060\015\006\003\125\004\013\023\006\120\113\111\107\126
\101\061\047\060\045\006\003\125\004\003\023\036\122\157\157\164
\040\103\101\040\107\145\156\145\162\141\154\151\164\141\164\040
\126\141\154\145\156\143\151\141\156\141
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\037\060\035\006\003\125\004\012\023\026\107\145\156\145\162\141
\154\151\164\141\164\040\126\141\154\145\156\143\151\141\156\141
\061\017\060\015\006\003\125\004\013\023\006\120\113\111\107\126
\101\061\047\060\045\006\003\125\004\003\023\036\122\157\157\164
\040\103\101\040\107\145\156\145\162\141\154\151\164\141\164\040
\126\141\154\145\156\143\151\141\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\073\105\345\150
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\213\060\202\005\163\240\003\002\001\002\002\004\073

```

\105\345\150\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\150\061\013\060\011\006\003\125\004\006\023\002\105
\123\061\037\060\035\006\003\125\004\012\023\026\107\145\156\145
\162\141\154\151\164\141\164\040\126\141\154\145\156\143\151\141
\156\141\061\017\060\015\006\003\125\004\013\023\006\120\113\111
\107\126\101\061\047\060\045\006\003\125\004\003\023\036\122\157
\157\164\040\103\101\040\107\145\156\145\162\141\154\151\164\141
\164\040\126\141\154\145\156\143\151\141\156\141\060\036\027\015
\060\061\060\067\060\066\061\066\062\062\064\067\132\027\015\062
\061\060\067\060\061\061\065\062\062\064\067\132\060\150\061\013
\060\011\006\003\125\004\006\023\002\105\123\061\037\060\035\006
\003\125\004\012\023\026\107\145\156\145\162\141\154\151\164\141
\164\040\126\141\154\145\156\143\151\141\156\141\061\017\060\015
\006\003\125\004\013\023\006\120\113\111\107\126\101\061\047\060
\045\006\003\125\004\003\023\036\122\157\157\164\040\103\101\040
\107\145\156\145\162\141\154\151\164\141\164\040\126\141\154\145
\156\143\151\141\156\141\060\202\001\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202
\001\012\002\202\001\001\000\306\052\253\127\021\067\057\042\212
\312\003\164\035\312\355\055\242\013\274\063\122\100\046\107\276
\132\151\246\073\162\066\027\114\350\337\270\273\057\166\341\100
\106\164\145\002\220\122\010\264\377\250\214\301\340\307\211\126
\020\071\063\357\150\264\137\137\332\155\043\241\211\136\042\243
\112\006\360\047\360\127\271\370\351\116\062\167\012\077\101\144
\363\353\145\356\166\376\124\252\175\035\040\256\363\327\164\302
\012\137\365\010\050\122\010\314\125\135\322\017\333\232\201\245
\273\241\263\301\224\315\124\340\062\165\061\221\032\142\262\336
\165\342\317\117\211\331\221\220\017\101\033\264\132\112\167\275
\147\203\340\223\347\136\247\014\347\201\323\364\122\254\123\262
\003\307\104\046\373\171\345\313\064\140\120\020\173\033\333\153
\327\107\253\137\174\150\312\156\235\101\003\020\356\153\231\173
\136\045\250\302\253\344\300\363\134\234\343\276\316\061\114\144
\036\136\200\242\365\203\176\014\326\312\214\125\216\276\340\276
\111\007\017\243\044\101\172\130\035\204\352\130\022\310\341\267
\355\357\223\336\224\010\061\002\003\001\000\001\243\202\003\073
\060\202\003\067\060\062\006\010\053\006\001\005\005\007\001\001
\004\046\060\044\060\042\006\010\053\006\001\005\005\007\060\001
\206\026\150\164\164\160\072\057\057\157\143\163\160\056\160\153
\151\056\147\166\141\056\145\163\060\022\006\003\125\035\023\001
\001\377\004\010\060\006\001\001\377\002\001\002\060\202\002\064
\006\003\125\035\040\004\202\002\053\060\202\002\047\060\202\002
\043\006\012\053\006\001\004\001\277\125\002\001\000\060\202\002
\023\060\202\001\350\006\010\053\006\001\005\005\007\002\002\060
\202\001\332\036\202\001\326\000\101\000\165\000\164\000\157\000
\162\000\151\000\144\000\141\000\144\000\040\000\144\000\145\000
\040\000\103\000\145\000\162\000\164\000\151\000\146\000\151\000
\143\000\141\000\143\000\151\000\363\000\156\000\040\000\122\000
\141\000\355\000\172\000\040\000\144\000\145\000\040\000\154\000

\141\000\040\000\107\000\145\000\156\000\145\000\162\000\141\000
\154\000\151\000\164\000\141\000\164\000\040\000\126\000\141\000
\154\000\145\000\156\000\143\000\151\000\141\000\156\000\141\000
\056\000\015\000\012\000\114\000\141\000\040\000\104\000\145\000
\143\000\154\000\141\000\162\000\141\000\143\000\151\000\363\000
\156\000\040\000\144\000\145\000\040\000\120\000\162\000\341\000
\143\000\164\000\151\000\143\000\141\000\163\000\040\000\144\000
\145\000\040\000\103\000\145\000\162\000\164\000\151\000\146\000
\151\000\143\000\141\000\143\000\151\000\363\000\156\000\040\000
\161\000\165\000\145\000\040\000\162\000\151\000\147\000\145\000
\040\000\145\000\154\000\040\000\146\000\165\000\156\000\143\000
\151\000\157\000\156\000\141\000\155\000\151\000\145\000\156\000
\164\000\157\000\040\000\144\000\145\000\040\000\154\000\141\000
\040\000\160\000\162\000\145\000\163\000\145\000\156\000\164\000
\145\000\040\000\101\000\165\000\164\000\157\000\162\000\151\000
\144\000\141\000\144\000\040\000\144\000\145\000\040\000\103\000
\145\000\162\000\164\000\151\000\146\000\151\000\143\000\141\000
\143\000\151\000\363\000\156\000\040\000\163\000\145\000\040\000
\145\000\156\000\143\000\165\000\145\000\156\000\164\000\162\000
\141\000\040\000\145\000\156\000\040\000\154\000\141\000\040\000
\144\000\151\000\162\000\145\000\143\000\143\000\151\000\363\000
\156\000\040\000\167\000\145\000\142\000\040\000\150\000\164\000
\164\000\160\000\072\000\057\000\057\000\167\000\167\000\167\000
\056\000\160\000\153\000\151\000\056\000\147\000\166\000\141\000
\056\000\145\000\163\000\057\000\143\000\160\000\163\060\045\006
\010\053\006\001\005\005\007\002\001\026\031\150\164\164\160\072
\057\057\167\167\167\056\160\153\151\056\147\166\141\056\145\163
\057\143\160\163\060\035\006\003\125\035\016\004\026\004\024\173
\065\323\100\322\034\170\031\146\357\164\020\050\334\076\117\262
\170\004\374\060\201\225\006\003\125\035\043\004\201\215\060\201
\212\200\024\173\065\323\100\322\034\170\031\146\357\164\020\050
\334\076\117\262\170\004\374\241\154\244\152\060\150\061\013\060
\011\006\003\125\004\006\023\002\105\123\061\037\060\035\006\003
\125\004\012\023\026\107\145\156\145\162\141\154\151\164\141\164
\040\126\141\154\145\156\143\151\141\156\141\061\017\060\015\006
\003\125\004\013\023\006\120\113\111\107\126\101\061\047\060\045
\006\003\125\004\003\023\036\122\157\157\164\040\103\101\040\107
\145\156\145\162\141\154\151\164\141\164\040\126\141\154\145\156
\143\151\141\156\141\202\004\073\105\345\150\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\044
\141\116\365\265\310\102\002\052\263\134\165\255\305\155\312\347
\224\077\245\150\225\210\301\124\300\020\151\242\022\057\030\077
\045\120\250\174\112\352\306\011\331\364\165\306\100\332\257\120
\235\075\245\026\273\155\061\306\307\163\012\110\376\040\162\355
\157\314\350\203\141\026\106\220\001\225\113\175\216\232\122\011
\057\366\157\034\344\241\161\317\214\052\132\027\163\203\107\115
\017\066\373\004\115\111\121\342\024\311\144\141\373\324\024\340
\364\236\267\064\217\012\046\275\227\134\364\171\072\112\060\031


```
\314\255\117\240\230\212\264\061\227\052\342\163\155\176\170\270
\370\210\211\117\261\042\221\144\113\365\120\336\003\333\345\305
\166\347\023\146\165\176\145\373\001\237\223\207\210\235\371\106
\127\174\115\140\257\230\163\023\043\244\040\221\201\372\320\141
\146\270\175\321\257\326\157\036\154\075\351\021\375\251\371\202
\042\206\231\063\161\132\352\031\127\075\221\315\251\300\243\156
\007\023\246\311\355\370\150\243\236\303\132\162\011\207\050\321
\304\163\304\163\030\137\120\165\026\061\237\267\350\174\303
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Root CA Generalitat Valenciana"

Issuer: CN=Root CA Generalitat Valenciana,OU=PKIGVA,O=Generalitat Valenciana,C=ES

Serial Number:3b:45:e5:68

Subject: CN=Root CA Generalitat Valenciana,OU=PKIGVA,O=Generalitat Valenciana,C=ES

Not Valid Before: Fri Jul 06 16:22:47 2001

Not Valid After: Thu Jul 01 15:22:47 2021

Fingerprint (MD5): 2c:8c:17:5e:b1:54:ab:93:17:b5:36:5a:db:d1:c6:f2

Fingerprint (SHA1): a0:73:e5:c5:bd:43:61:0d:86:4c:21:13:0a:85:58:57:cc:9c:ea:46

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Root CA Generalitat Valenciana"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\240\163\345\305\275\103\141\015\206\114\041\023\012\205\130\127
\314\234\352\106
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\054\214\027\136\261\124\253\223\027\265\066\132\333\321\306\362
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\150\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\037\060\035\006\003\125\004\012\023\026\107\145\156\145\162\141
\154\151\164\141\164\040\126\141\154\145\156\143\151\141\156\141
\061\017\060\015\006\003\125\004\013\023\006\120\113\111\107\126
\101\061\047\060\045\006\003\125\004\003\023\036\122\157\157\164
\040\103\101\040\107\145\156\145\162\141\154\151\164\141\164\040
\126\141\154\145\156\143\151\141\156\141
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\004\073\105\345\150
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "VAS Latvijas Pasts SSI(RCA)"
Issuer: CN=VAS Latvijas Pasts SSI(RCA),OU=Sertifikācijas pakalpojumi,O=VAS Latvijas Pasts -
Vien.reg.Nr.40003052790,C=LV
Serial Number:63:06:86:a7:c5:37:65:a5:43:90:a8:6a:58:cc:d4:32
Subject: CN=VAS Latvijas Pasts SSI(RCA),OU=Sertifikācijas pakalpojumi,O=VAS Latvijas Pasts -
Vien.reg.Nr.40003052790,C=LV
Not Valid Before: Wed Sep 13 09:22:10 2006
Not Valid After: Fri Sep 13 09:27:57 2024
Fingerprint (MD5): fd:49:be:5b:18:5a:25:ec:f9:c3:54:85:10:40:e8:d4
Fingerprint (SHA1): 08:64:18:e9:06:ce:e8:9c:23:53:b6:e2:7f:bd:9e:74:39:f7:63:16

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VAS Latvijas Pasts SSI(RCA)"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

\060\201\217\061\013\060\011\006\003\125\004\006\023\002\114\126
\061\065\060\063\006\003\125\004\012\023\054\126\101\123\040\114
\141\164\166\151\152\141\163\040\120\141\163\164\163\040\055\040
\126\151\145\156\056\162\145\147\056\116\162\056\064\060\060\060
\063\060\065\062\067\071\060\061\043\060\041\006\003\125\004\013
\023\032\123\145\162\164\151\146\151\153\141\143\151\152\141\163
\040\160\141\153\141\154\160\157\152\165\155\151\061\044\060\042
\006\003\125\004\003\023\033\126\101\123\040\114\141\164\166\151
\152\141\163\040\120\141\163\164\163\040\123\123\111\050\122\103
\101\051

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\114\126
\061\065\060\063\006\003\125\004\012\023\054\126\101\123\040\114
\141\164\166\151\152\141\163\040\120\141\163\164\163\040\055\040
\126\151\145\156\056\162\145\147\056\116\162\056\064\060\060\060
\063\060\065\062\067\071\060\061\043\060\041\006\003\125\004\013
\023\032\123\145\162\164\151\146\151\153\141\143\151\152\141\163
\040\160\141\153\141\154\160\157\152\165\155\151\061\044\060\042
\006\003\125\004\003\023\033\126\101\123\040\114\141\164\166\151
\152\141\163\040\120\141\163\164\163\040\123\123\111\050\122\103
\101\051

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\143\006\206\247\305\067\145\245\103\220\250\152\130\314
\324\062

END

CKA_VALUE MULTILINE_OCTAL

\060\202\007\251\060\202\005\221\240\003\002\001\002\002\020\143
\006\206\247\305\067\145\245\103\220\250\152\130\314\324\062\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\217\061\013\060\011\006\003\125\004\006\023\002\114\126\061\065
\060\063\006\003\125\004\012\023\054\126\101\123\040\114\141\164
\166\151\152\141\163\040\120\141\163\164\163\040\055\040\126\151
\145\156\056\162\145\147\056\116\162\056\064\060\060\060\063\060
\065\062\067\071\060\061\043\060\041\006\003\125\004\013\023\032
\123\145\162\164\151\146\151\153\141\143\151\152\141\163\040\160
\141\153\141\154\160\157\152\165\155\151\061\044\060\042\006\003
\125\004\003\023\033\126\101\123\040\114\141\164\166\151\152\141
\163\040\120\141\163\164\163\040\123\123\111\050\122\103\101\051
\060\036\027\015\060\066\060\071\061\063\060\071\062\062\061\060
\132\027\015\062\064\060\071\061\063\060\071\062\067\065\067\132
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\114\126
\061\065\060\063\006\003\125\004\012\023\054\126\101\123\040\114
\141\164\166\151\152\141\163\040\120\141\163\164\163\040\055\040
\126\151\145\156\056\162\145\147\056\116\162\056\064\060\060\060
\063\060\065\062\067\071\060\061\043\060\041\006\003\125\004\013
\023\032\123\145\162\164\151\146\151\153\141\143\151\152\141\163
\040\160\141\153\141\154\160\157\152\165\155\151\061\044\060\042
\006\003\125\004\003\023\033\126\101\123\040\114\141\164\166\151
\152\141\163\040\120\141\163\164\163\040\123\123\111\050\122\103
\101\051\060\202\002\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202
\002\001\000\233\270\371\375\141\125\057\117\244\245\024\265\056
\216\271\044\217\254\373\261\124\077\100\377\117\305\345\206\150
\173\123\223\373\065\202\065\250\120\056\224\122\240\333\203\076
\165\332\025\160\254\011\317\356\202\111\255\066\111\271\264\161
\213\264\000\241\102\006\312\010\012\143\227\266\010\374\356\264
\334\230\170\031\202\311\370\177\144\076\252\311\376\261\215\353
\260\144\365\274\363\304\076\072\220\352\116\216\077\033\031\274
\152\203\303\221\074\154\125\373\012\122\300\350\341\135\167\205
\063\305\111\337\354\152\277\277\154\067\376\216\111\242\025\030
\316\213\216\153\036\070\243\060\157\210\201\176\162\126\104\032
\304\172\071\017\366\304\217\226\324\262\353\000\116\134\336\273
\347\073\267\346\044\005\223\153\115\346\221\104\277\356\230\033
\307\205\033\021\101\173\042\066\247\276\076\350\172\067\334\030
\336\220\235\217\315\262\327\232\077\342\027\177\133\014\341\357
\077\146\075\156\044\344\260\316\303\014\210\154\224\332\070\045
\174\122\071\343\163\024\263\000\105\143\232\014\102\100\136\004
\306\367\162\144\316\311\156\063\263\344\323\155\044\225\067\223
\176\362\000\135\031\213\037\363\103\163\250\237\105\322\006\251
\354\264\102\273\372\356\014\307\117\077\121\037\321\257\320\254
\030\177\207\201\042\376\251\335\007\226\155\174\370\116\331\115
\072\120\151\325\101\176\305\332\164\330\216\163\345\176\203\341

\303\031\201\267\275\277\100\216\276\056\232\242\014\252\116\002
\056\273\052\341\010\135\061\003\311\254\047\260\257\334\325\310
\024\175\100\235\125\211\041\371\220\314\324\311\140\101\163\253
\350\315\330\072\125\071\012\202\231\376\233\365\365\074\034\221
\313\300\372\106\124\256\041\374\052\254\134\173\336\172\227\161
\375\154\153\315\110\232\244\333\201\174\030\067\057\220\175\141
\224\275\027\311\134\266\124\026\167\312\011\112\252\351\274\117
\224\165\001\132\126\274\222\322\217\271\327\227\336\126\164\001
\367\026\161\111\261\365\030\106\231\101\356\142\341\263\054\145
\165\151\051\162\103\003\370\233\037\372\070\364\236\354\100\020
\216\254\227\325\260\063\276\237\030\334\055\367\101\170\124\112
\142\104\347\002\003\001\000\001\243\202\001\375\060\202\001\371
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\030\006\010\053\006\001\005\005\007\001\003\004\014\060\012
\060\010\006\006\004\000\216\106\001\001\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125
\035\016\004\026\004\024\314\303\365\146\377\163\254\070\132\226
\033\041\211\270\201\114\037\313\136\045\060\020\006\011\053\006
\001\004\001\202\067\025\001\004\003\002\001\000\060\202\001\211
\006\003\125\035\040\004\202\001\200\060\202\001\174\060\202\001
\170\006\013\053\006\001\004\001\201\304\131\001\001\002\060\202
\001\147\060\202\001\070\006\010\053\006\001\005\005\007\002\002
\060\202\001\052\036\202\001\046\000\123\000\151\000\163\000\040
\000\151\000\162\000\040\000\163\000\145\000\162\000\164\000\151
\000\146\000\151\000\153\000\141\000\164\000\163\000\054\000\040
\000\153\000\157\000\040\000\151\000\172\000\144\000\145\000\166
\000\151\000\163\000\040\000\126\000\101\000\123\000\040\000\114
\000\141\000\164\000\166\000\151\000\152\000\141\000\163\000\040
\000\120\000\141\000\163\000\164\000\163\000\054\000\040\000\156
\000\157\000\144\000\162\000\157\000\163\000\151\000\156\000\157
\000\164\000\040\000\141\000\164\000\142\000\151\000\154\000\163
\000\164\000\151\000\142\000\165\000\040\000\105\000\154\000\145
\000\153\000\164\000\162\000\157\000\156\000\151\000\163\000\153
\000\157\000\040\000\144\000\157\000\153\000\165\000\155\000\145
\000\156\000\164\000\165\000\040\000\154\000\151\000\153\000\165
\000\155\000\141\000\155\000\040\000\165\000\156\000\040\000\105
\000\151\000\162\000\157\000\160\000\141\000\163\000\040\000\120
\000\141\000\162\000\154\000\141\000\155\000\145\000\156\000\164
\000\141\000\040\000\144\000\151\000\162\000\145\000\153\000\164
\000\151\000\166\000\141\000\151\000\040\000\061\000\071\000\071
\000\071\000\057\000\071\000\063\000\057\000\105\000\113\060\051
\006\010\053\006\001\005\005\007\002\001\026\035\150\164\164\160
\072\057\057\167\167\167\056\145\055\155\145\056\154\166\057\162
\145\160\157\163\151\164\157\162\171\060\015\006\011\052\206\110
\206\367\015\001\001\005\005\000\003\202\002\001\000\037\050\112
\065\220\041\143\150\012\057\170\257\243\036\202\046\227\243\077
\047\031\322\113\243\102\172\006\023\145\133\301\004\313\353\175
\174\357\224\362\361\211\365\267\337\122\002\041\151\322\352\226

\064\345\240\317\227\270\234\125\016\020\205\243\024\136\054\005
\370\265\072\166\363\371\172\270\336\266\014\047\151\362\313\224
\221\013\035\271\325\216\157\231\057\315\362\031\126\071\072\110
\126\360\001\377\202\165\266\262\375\321\324\365\362\143\127\114
\115\241\176\314\020\272\004\151\357\364\024\374\263\227\037\105
\356\157\112\050\177\321\306\047\274\307\243\251\153\173\355\202
\023\157\253\336\017\373\161\353\134\021\032\251\054\320\060\237
\374\066\067\126\357\225\351\272\267\023\266\256\237\002\141\255
\236\354\153\004\157\066\237\017\231\367\302\311\310\114\050\271
\050\324\041\327\236\124\325\300\316\364\216\344\125\224\173\217
\044\306\070\374\253\172\244\126\167\075\250\105\357\144\222\244
\320\112\176\273\163\213\364\015\122\163\270\072\110\136\103\200
\323\251\160\167\142\377\307\050\034\163\036\103\346\047\044\133
\111\271\346\066\244\216\375\305\055\057\172\245\171\022\172\327
\041\262\045\155\310\017\242\303\141\113\345\110\342\127\272\237
\362\212\041\335\333\144\360\332\031\337\316\300\233\200\071\302
\167\167\143\025\123\162\204\372\244\217\007\067\206\041\175\120
\372\075\152\067\333\221\016\067\263\375\316\013\312\173\141\320
\234\164\234\175\070\150\155\351\173\035\326\361\052\264\357\073
\140\122\167\005\346\002\302\137\214\133\274\360\175\267\163\307
\221\153\262\052\263\143\243\064\325\253\255\045\161\107\377\032
\076\172\266\215\225\166\303\356\246\315\003\011\154\356\105\147
\230\317\231\110\166\301\316\212\164\232\150\122\001\064\042\310
\355\342\024\013\204\275\156\020\214\261\162\233\276\350\010\327
\127\325\177\352\264\001\075\116\344\342\350\147\347\214\176\351
\347\102\021\357\225\106\310\221\326\276\047\027\200\031\064\230
\347\306\337\036\374\041\137\236\206\075\274\176\360\234\275\162
\236\364\107\202\133\161\147\363\372\334\124\114\250\134\330\131
\307\320\007\016\023\063\047\274\364\151\360\153\041

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "VAS Latvijas Pasts SSI(RCA)"
Issuer: CN=VAS Latvijas Pasts SSI(RCA),OU=Sertifikācijas pakalpojumi,O=VAS Latvijas Pasts -
Vien.reg.Nr.40003052790,C=LV
Serial Number:63:06:86:a7:c5:37:65:a5:43:90:a8:6a:58:cc:d4:32
Subject: CN=VAS Latvijas Pasts SSI(RCA),OU=Sertifikācijas pakalpojumi,O=VAS Latvijas Pasts -
Vien.reg.Nr.40003052790,C=LV
Not Valid Before: Wed Sep 13 09:22:10 2006
Not Valid After: Fri Sep 13 09:27:57 2024
Fingerprint (MD5): fd:49:be:5b:18:5a:25:ec:f9:c3:54:85:10:40:e8:d4
Fingerprint (SHA1): 08:64:18:e9:06:ce:e8:9c:23:53:b6:e2:7f:bd:9e:74:39:f7:63:16
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VAS Latvijas Pasts SSI(RCA)"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\010\144\030\351\006\316\350\234\043\123\266\342\177\275\236\164
\071\367\143\026
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\375\111\276\133\030\132\045\354\371\303\124\205\020\100\350\324
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\114\126
\061\065\060\063\006\003\125\004\012\023\054\126\101\123\040\114
\141\164\166\151\152\141\163\040\120\141\163\164\163\040\055\040
\126\151\145\156\056\162\145\147\056\116\162\056\064\060\060\060
\063\060\065\062\067\071\060\061\043\060\041\006\003\125\004\013
\023\032\123\145\162\164\151\146\151\153\141\143\151\152\141\163
\040\160\141\153\141\154\160\157\152\165\155\151\061\044\060\042
\006\003\125\004\003\023\033\126\101\123\040\114\141\164\166\151
\152\141\163\040\120\141\163\164\163\040\123\123\111\050\122\103
\101\051
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\143\006\206\247\305\067\145\245\103\220\250\152\130\314
\324\062
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "ANCERT Certificados CGN"
# Issuer: CN=ANCERT Certificados CGN,O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF
B83395988,C=ES
# Serial Number:44:74:ec:c8:6c:72:1e:58:dd:b8:2c:7e:f4:fc:95
# Subject: CN=ANCERT Certificados CGN,O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF
B83395988,C=ES
# Not Valid Before: Wed Feb 11 17:27:12 2004
# Not Valid After: Sun Feb 11 17:27:12 2024
# Fingerprint (MD5): 1c:4b:e2:c6:2d:b9:ac:31:14:f4:40:07:69:cb:1f:40
# Fingerprint (SHA1): 11:c5:b5:f7:55:52:b0:11:66:9c:2e:97:17:de:6d:9b:ff:5f:a8:10
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANCERT Certificados CGN"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\174\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\113\060\111\006\003\125\004\012\023\102\101\147\145\156\143\151
\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056
\040\125\156\151\160\145\162\163\157\156\141\154\040\055\040\103
\111\106\040\102\070\063\063\071\065\071\070\070\061\040\060\036
\006\003\125\004\003\023\027\101\116\103\105\122\124\040\103\145
\162\164\151\146\151\143\141\144\157\163\040\103\107\116

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\113\060\111\006\003\125\004\012\023\102\101\147\145\156\143\151
\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056
\040\125\156\151\160\145\162\163\157\156\141\154\040\055\040\103
\111\106\040\102\070\063\063\071\065\071\070\070\061\040\060\036
\006\003\125\004\003\023\027\101\116\103\105\122\124\040\103\145
\162\164\151\146\151\143\141\144\157\163\040\103\107\116

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\017\104\164\354\310\154\162\036\130\335\270\054\176\364\374
\225

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\052\060\202\004\022\240\003\002\001\002\002\017\104
\164\354\310\154\162\036\130\335\270\054\176\364\374\225\060\015
\006\011\052\206\110\206\367\015\001\001\005\005\000\060\174\061
\013\060\011\006\003\125\004\006\023\002\105\123\061\113\060\111
\006\003\125\004\012\023\102\101\147\145\156\143\151\141\040\116
\157\164\141\162\151\141\154\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\156\040\123\056\114\056\040\125\156
\151\160\145\162\163\157\156\141\154\040\055\040\103\111\106\040
\102\070\063\063\071\065\071\070\070\061\040\060\036\006\003\125
\004\003\023\027\101\116\103\105\122\124\040\103\145\162\164\151
\146\151\143\141\144\157\163\040\103\107\116\060\036\027\015\060
\064\060\062\061\061\061\067\062\067\061\062\132\027\015\062\064
\060\062\061\061\061\067\062\067\061\062\132\060\174\061\013\060
\011\006\003\125\004\006\023\002\105\123\061\113\060\111\006\003
\125\004\012\023\102\101\147\145\156\143\151\141\040\116\157\164
\141\162\151\141\154\040\144\145\040\103\145\162\164\151\146\151
\143\141\143\151\157\156\040\123\056\114\056\040\125\156\151\160
\145\162\163\157\156\141\154\040\055\040\103\111\106\040\102\070
\063\063\071\065\071\070\070\061\040\060\036\006\003\125\004\003
\023\027\101\116\103\105\122\124\040\103\145\162\164\151\146\151
\143\141\144\157\163\040\103\107\116\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\220\165\077\077\014\254

\312\324\174\304\110\247\030\273\072\273\241\273\325\173\337\213
\031\344\202\104\373\145\354\266\022\141\076\151\042\031\142\065
\044\266\325\020\006\251\105\152\044\052\365\047\214\170\074\310
\271\363\005\154\305\002\003\322\116\200\144\354\206\253\170\224
\042\002\000\265\150\233\324\345\125\137\340\310\200\060\347\013
\277\153\327\004\216\116\171\230\160\114\034\046\271\263\250\352
\360\021\242\271\212\123\002\046\165\022\211\341\373\210\116\131
\172\000\321\202\330\026\256\345\266\274\225\045\140\100\167\045
\033\236\357\215\344\375\360\117\063\061\045\277\356\172\012\124
\360\220\070\147\022\173\245\140\332\014\001\211\232\166\207\056
\365\033\103\173\345\347\046\112\373\025\142\253\105\033\173\325
\012\245\115\154\115\253\237\050\110\204\341\203\165\270\030\160
\125\123\333\320\337\051\220\257\071\306\027\225\301\224\305\136
\331\145\137\135\377\156\026\225\230\041\237\136\115\360\315\061
\071\041\003\027\015\221\037\241\125\231\101\354\125\311\273\075
\231\134\233\305\177\321\034\136\352\123\002\003\001\000\001\243
\202\001\247\060\202\001\243\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\202\001\040\006\003\125\035
\040\004\202\001\027\060\202\001\023\060\202\001\017\006\011\053
\006\001\004\001\201\223\150\004\060\202\001\000\060\045\006\010
\053\006\001\005\005\007\002\001\026\031\150\164\164\160\072\057
\057\167\167\167\056\141\156\143\145\162\164\056\143\157\155\057
\143\160\163\060\201\326\006\010\053\006\001\005\005\007\002\002
\060\201\311\060\015\026\006\101\116\103\105\122\124\060\003\002
\001\001\032\201\267\101\147\145\156\143\151\141\040\116\157\164
\141\162\151\141\154\040\144\145\040\103\145\162\164\151\146\151
\143\141\143\151\157\156\056\040\114\141\040\144\145\143\154\141
\162\141\143\151\157\156\040\144\145\040\160\162\141\143\164\151
\143\141\163\040\144\145\040\143\145\162\164\151\146\151\141\143
\151\157\156\040\161\165\145\040\162\151\147\145\040\145\154\040
\146\165\156\143\151\157\156\141\155\151\145\156\164\157\040\144
\145\040\154\141\040\160\162\145\163\145\156\164\145\040\141\165
\164\157\162\151\144\141\144\040\163\145\040\145\156\143\165\145
\156\164\162\141\040\144\151\163\160\157\156\151\142\154\145\040
\145\156\040\150\164\164\160\072\057\057\167\167\167\056\141\156
\143\145\162\164\056\143\157\155\057\143\160\163\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\206\060\034\006\003
\125\035\021\004\025\060\023\201\021\141\156\143\145\162\164\100
\141\156\143\145\162\164\056\143\157\155\060\037\006\003\125\035
\043\004\030\060\026\200\024\354\127\237\310\166\042\157\314\072
\256\133\360\055\241\142\130\321\215\002\314\060\035\006\003\125
\035\016\004\026\004\024\354\127\237\310\166\042\157\314\072\256
\133\360\055\241\142\130\321\215\002\314\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\213\075
\337\334\066\054\177\047\234\374\265\130\123\161\012\022\135\020
\144\121\161\265\112\126\364\136\104\147\036\357\035\262\361\244
\121\074\147\154\054\145\226\172\241\022\243\257\013\010\067\016
\231\326\156\050\207\013\142\253\116\170\116\162\201\233\337\021


```
\117\211\140\310\121\246\033\006\011\161\163\174\067\267\034\070
\067\232\371\207\341\357\241\356\177\327\300\352\071\024\372\174
\157\013\371\206\312\346\305\167\151\240\237\215\051\243\167\156
\305\314\332\366\335\006\172\323\151\146\076\140\073\343\062\337
\256\360\033\236\052\235\314\204\337\032\020\107\355\245\126\226
\102\067\265\055\162\015\101\022\223\272\062\210\104\310\256\011
\304\275\200\355\375\140\017\162\262\266\144\366\143\040\062\160
\167\207\056\063\056\237\065\310\137\250\222\126\267\377\044\072
\054\135\362\046\005\150\031\362\121\147\317\337\122\011\351\202
\004\172\153\202\247\177\345\322\251\164\153\030\046\310\272\324
\325\036\245\113\073\046\301\235\042\341\373\022\275\325\142\106
\325\327\135\322\335\303\374\141\015\060\005\117\005\213
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "ANCERT Certificados CGN"
```

```
# Issuer: CN=ANCERT Certificados CGN,O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF
B83395988,C=ES
```

```
# Serial Number:44:74:ec:c8:6c:72:1e:58:dd:b8:2c:7e:f4:fc:95
```

```
# Subject: CN=ANCERT Certificados CGN,O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF
B83395988,C=ES
```

```
# Not Valid Before: Wed Feb 11 17:27:12 2004
```

```
# Not Valid After: Sun Feb 11 17:27:12 2024
```

```
# Fingerprint (MD5): 1c:4b:e2:c6:2d:b9:ac:31:14:f4:40:07:69:cb:1f:40
```

```
# Fingerprint (SHA1): 11:c5:b5:f7:55:52:b0:11:66:9c:2e:97:17:de:6d:9b:ff:5f:a8:10
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ANCERT Certificados CGN"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\021\305\265\367\125\122\260\021\146\234\056\227\027\336\155\233
\377\137\250\020
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\034\113\342\306\055\271\254\061\024\364\100\007\151\313\037\100
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\174\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\113\060\111\006\003\125\004\012\023\102\101\147\145\156\143\151
\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056
\040\125\156\151\160\145\162\163\157\156\141\154\040\055\040\103
\111\106\040\102\070\063\063\071\065\071\070\070\061\040\060\036
\006\003\125\004\003\023\027\101\116\103\105\122\124\040\103\145
```

\162\164\151\146\151\143\141\144\157\163\040\103\107\116

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\017\104\164\354\310\154\162\036\130\335\270\054\176\364\374

\225

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "ANCERT Certificados Notariales"

Issuer: CN=ANCERT Certificados Notariales,O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF B83395988,C=ES

Serial Number:f4:cf:89:ea:dd:a4:c6:3e:91:ad:48:0e:2d:22:36:84

Subject: CN=ANCERT Certificados Notariales,O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF B83395988,C=ES

Not Valid Before: Wed Feb 11 15:58:30 2004

Not Valid After: Sun Feb 11 15:58:26 2024

Fingerprint (MD5): 45:f7:50:11:4e:c5:ad:bd:53:68:86:63:ec:7b:6a:e1

Fingerprint (SHA1): c0:9a:b0:c8:ad:71:14:71:4e:d5:e2:1a:5a:27:6a:dc:d5:e7:ef:cb

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "ANCERT Certificados Notariales"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\203\061\013\060\011\006\003\125\004\006\023\002\105\123

\061\113\060\111\006\003\125\004\012\023\102\101\147\145\156\143

\151\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103

\145\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114

\056\040\125\156\151\160\145\162\163\157\156\141\154\040\055\040

\103\111\106\040\102\070\063\063\071\065\071\070\070\061\047\060

\045\006\003\125\004\003\023\036\101\116\103\105\122\124\040\103

\145\162\164\151\146\151\143\141\144\157\163\040\116\157\164\141

\162\151\141\154\145\163

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\203\061\013\060\011\006\003\125\004\006\023\002\105\123

\061\113\060\111\006\003\125\004\012\023\102\101\147\145\156\143

\151\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103

\145\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114

\056\040\125\156\151\160\145\162\163\157\156\141\154\040\055\040

\103\111\106\040\102\070\063\063\071\065\071\070\070\061\047\060

\045\006\003\125\004\003\023\036\101\116\103\105\122\124\040\103

\145\162\164\151\146\151\143\141\144\157\163\040\116\157\164\141
\162\151\141\154\145\163

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\021\000\364\317\211\352\335\244\306\076\221\255\110\016\055
\042\066\204

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\074\060\202\004\044\240\003\002\001\002\002\021\000
\364\317\211\352\335\244\306\076\221\255\110\016\055\042\066\204
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\203\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\113\060\111\006\003\125\004\012\023\102\101\147\145\156\143\151
\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145
\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056
\040\125\156\151\160\145\162\163\157\156\141\154\040\055\040\103
\111\106\040\102\070\063\063\071\065\071\070\070\061\047\060\045
\006\003\125\004\003\023\036\101\116\103\105\122\124\040\103\145
\162\164\151\146\151\143\141\144\157\163\040\116\157\164\141\162
\151\141\154\145\163\060\036\027\015\060\064\060\062\061\061\061
\065\065\070\063\060\132\027\015\062\064\060\062\061\061\061\065
\065\070\062\066\132\060\201\203\061\013\060\011\006\003\125\004
\006\023\002\105\123\061\113\060\111\006\003\125\004\012\023\102
\101\147\145\156\143\151\141\040\116\157\164\141\162\151\141\154
\040\144\145\040\103\145\162\164\151\146\151\143\141\143\151\157
\156\040\123\056\114\056\040\125\156\151\160\145\162\163\157\156
\141\154\040\055\040\103\111\106\040\102\070\063\063\071\065\071
\070\070\061\047\060\045\006\003\125\004\003\023\036\101\116\103
\105\122\124\040\103\145\162\164\151\146\151\143\141\144\157\163
\040\116\157\164\141\162\151\141\154\145\163\060\202\001\042\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\001\017\000\060\202\001\012\002\202\001\001\000\360\221\017\320
\147\055\051\262\143\115\037\065\171\366\145\153\271\363\363\265
\130\223\047\144\117\247\325\133\202\005\162\233\177\035\256\010
\322\214\320\321\311\140\260\231\031\065\326\031\306\000\071\151
\175\042\357\164\042\203\264\176\352\020\213\076\063\034\341\335
\144\066\051\363\122\112\156\101\303\276\121\014\037\143\270\277
\215\251\077\061\061\073\273\361\066\104\074\047\145\024\171\165
\346\020\244\074\130\033\313\123\142\022\365\207\132\106\242\171
\243\140\343\026\250\336\204\246\372\345\314\304\020\062\366\102
\332\107\115\030\075\346\172\017\053\016\143\377\147\175\103\325
\164\026\220\064\264\017\316\046\163\041\301\112\332\144\344\117
\343\043\265\331\366\253\267\112\177\226\341\313\107\375\006\103
\321\224\064\151\012\376\075\350\146\252\046\014\325\143\071\006
\160\223\255\174\263\344\107\301\073\107\216\151\227\014\221\240
\114\007\217\311\200\114\256\160\223\150\217\241\303\042\302\361
\165\233\050\175\222\222\125\072\250\131\031\354\022\061\034\357
\235\027\334\271\100\011\133\364\055\023\046\163\002\003\001\000

\001\243\202\001\247\060\202\001\243\060\034\006\003\125\035\021
\004\025\060\023\201\021\141\156\143\145\162\164\100\141\156\143
\145\162\164\056\143\157\155\060\037\006\003\125\035\043\004\030
\060\026\200\024\204\367\372\162\136\210\144\146\035\050\214\260
\167\275\014\152\237\114\115\142\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\202\001\040\006\003\125
\035\040\004\202\001\027\060\202\001\023\060\202\001\017\006\011
\053\006\001\004\001\201\223\150\001\060\202\001\000\060\045\006
\010\053\006\001\005\005\007\002\001\026\031\150\164\164\160\072
\057\057\167\167\167\056\141\156\143\145\162\164\056\143\157\155
\057\143\160\163\060\201\326\006\010\053\006\001\005\005\007\002
\002\060\201\311\060\015\026\006\101\116\103\105\122\124\060\003
\002\001\001\032\201\267\101\147\145\156\143\151\141\040\116\157
\164\141\162\151\141\154\040\144\145\040\103\145\162\164\151\146
\151\143\141\143\151\157\156\056\040\114\141\040\144\145\143\154
\141\162\141\143\151\157\156\040\144\145\040\160\162\141\143\164
\151\143\141\163\040\144\145\040\143\145\162\164\151\146\151\141
\143\151\157\156\040\161\165\145\040\162\151\147\145\040\145\154
\040\146\165\156\143\151\157\156\141\155\151\145\156\164\157\040
\144\145\040\154\141\040\160\162\145\163\145\156\164\145\040\141
\165\164\157\162\151\144\141\144\040\163\145\040\145\156\143\165
\145\156\164\162\141\040\144\151\163\160\157\156\151\142\154\145
\040\145\156\040\150\164\164\160\072\057\057\167\167\167\056\141
\156\143\145\162\164\056\143\157\155\057\143\160\163\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\206\060\035\006
\003\125\035\016\004\026\004\024\204\367\372\162\136\210\144\146
\035\050\214\260\167\275\014\152\237\114\115\142\060\015\006\011
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000
\057\370\345\330\063\245\302\224\156\136\300\361\356\241\114\012
\255\206\017\300\063\335\236\322\331\233\356\305\053\205\051\166
\254\245\022\123\223\035\252\007\354\351\071\144\013\150\360\165
\044\351\321\206\214\234\123\152\353\025\241\011\267\031\007\271
\235\217\002\262\033\111\160\302\143\164\335\013\252\376\007\306
\067\126\306\203\376\300\117\034\314\070\252\375\356\125\230\211
\134\302\123\255\040\207\272\026\144\122\141\354\301\237\273\324
\142\321\052\310\135\360\053\370\332\022\316\043\313\261\314\301
\322\012\275\374\300\200\116\125\111\372\211\330\144\243\112\312
\356\213\327\345\355\222\373\140\342\342\052\317\055\050\076\246
\377\200\234\145\314\022\236\245\034\164\131\220\245\207\177\147
\025\200\020\300\241\321\250\060\354\241\002\221\212\132\323\043
\027\223\132\107\041\171\352\063\172\017\177\070\065\232\312\126
\270\277\144\272\247\260\265\121\035\026\236\216\211\175\070\072
\313\204\115\007\230\330\345\341\214\005\152\245\067\014\326\171
\051\076\361\102\304\266\367\352\031\240\141\340\002\116\277\022

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```

# Microsoft Code Signing Only Certificate
# Trust for "ANCERT Certificados Notariales"
# Issuer: CN=ANCERT Certificados Notariales,O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF
B83395988,C=ES
# Serial Number:f4:cf:89:ea:dd:a4:c6:3e:91:ad:48:0e:2d:22:36:84
# Subject: CN=ANCERT Certificados Notariales,O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF
B83395988,C=ES
# Not Valid Before: Wed Feb 11 15:58:30 2004
# Not Valid After: Sun Feb 11 15:58:26 2024
# Fingerprint (MD5): 45:f7:50:11:4e:c5:ad:bd:53:68:86:63:ec:7b:6a:e1
# Fingerprint (SHA1): c0:9a:b0:c8:ad:71:14:71:4e:d5:e2:1a:5a:27:6a:dc:d5:e7:ef:cb
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANCERT Certificados Notariales"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\300\232\260\310\255\161\024\161\116\325\342\032\132\047\152\334
\325\347\357\313
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\105\367\120\021\116\305\255\275\123\150\206\143\354\173\152\341
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\113\060\111\006\003\125\004\012\023\102\101\147\145\156\143
\151\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114
\056\040\125\156\151\160\145\162\163\157\156\141\154\040\055\040
\103\111\106\040\102\070\063\063\071\065\071\070\070\061\047\060
\045\006\003\125\004\003\023\036\101\116\103\105\122\124\040\103
\145\162\164\151\146\151\143\141\144\157\163\040\116\157\164\141
\162\151\141\154\145\163
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\364\317\211\352\335\244\306\076\221\255\110\016\055
\042\066\204
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "ANCERT Corporaciones de Derecho Publico"
# Issuer: CN=ANCERT Corporaciones de Derecho Publico,O=Agencia Notarial de Certificacion S.L. Unipersonal -
CIF B83395988,C=ES

```

```
# Serial Number:3f:b2:e5:f2:d1:7c:8b:18:64:56:62:a9:39:81:7f:a7
# Subject: CN=ANCERT Corporaciones de Derecho Publico,O=Agencia Notarial de Certificacion S.L. Unipersonal
- CIF B83395988,C=ES
# Not Valid Before: Wed Feb 11 17:22:45 2004
# Not Valid After: Sun Feb 11 17:22:45 2024
# Fingerprint (MD5): 20:6b:d6:8b:4a:8f:48:ab:e4:88:09:0d:e5:65:1a:50
# Fingerprint (SHA1): 0c:fd:83:db:ae:44:b9:a0:c8:f6:76:f3:b5:70:65:0b:94:b6:9d:bf
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANCERT Corporaciones de Derecho Publico"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\214\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\113\060\111\006\003\125\004\012\023\102\101\147\145\156\143
\151\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114
\056\040\125\156\151\160\145\162\163\157\156\141\154\040\055\040
\103\111\106\040\102\070\063\063\071\065\071\070\070\061\060\060
\056\006\003\125\004\003\023\047\101\116\103\105\122\124\040\103
\157\162\160\157\162\141\143\151\157\156\145\163\040\144\145\040
\104\145\162\145\143\150\157\040\120\165\142\154\151\143\157
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\214\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\113\060\111\006\003\125\004\012\023\102\101\147\145\156\143
\151\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114
\056\040\125\156\151\160\145\162\163\157\156\141\154\040\055\040
\103\111\106\040\102\070\063\063\071\065\071\070\070\061\060\060
\056\006\003\125\004\003\023\047\101\116\103\105\122\124\040\103
\157\162\160\157\162\141\143\151\157\156\145\163\040\144\145\040
\104\145\162\145\143\150\157\040\120\165\142\154\151\143\157
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\077\262\345\362\321\174\213\030\144\126\142\251\071\201
\177\247
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\115\060\202\004\065\240\003\002\001\002\002\020\077
\262\345\362\321\174\213\030\144\126\142\251\071\201\177\247\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\214\061\013\060\011\006\003\125\004\006\023\002\105\123\061\113
\060\111\006\003\125\004\012\023\102\101\147\145\156\143\151\141
\040\116\157\164\141\162\151\141\154\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\040\123\056\114\056\040
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\125\156\151\160\145\162\163\157\156\141\154\040\055\040\103\111
\106\040\102\070\063\063\071\065\071\070\070\061\060\060\056\006
\003\125\004\003\023\047\101\116\103\105\122\124\040\103\157\162
\160\157\162\141\143\151\157\156\145\163\040\144\145\040\104\145
\162\145\143\150\157\040\120\165\142\154\151\143\157\060\036\027
\015\060\064\060\062\061\061\061\067\062\062\064\065\132\027\015
\062\064\060\062\061\061\061\067\062\062\064\065\132\060\201\214
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\113\060
\111\006\003\125\004\012\023\102\101\147\145\156\143\151\141\040
\116\157\164\141\162\151\141\154\040\144\145\040\103\145\162\164
\151\146\151\143\141\143\151\157\156\040\123\056\114\056\040\125
\156\151\160\145\162\163\157\156\141\154\040\055\040\103\111\106
\040\102\070\063\063\071\065\071\070\070\061\060\060\056\006\003
\125\004\003\023\047\101\116\103\105\122\124\040\103\157\162\160
\157\162\141\143\151\157\156\145\163\040\144\145\040\104\145\162
\145\143\150\157\040\120\165\142\154\151\143\157\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\242\041\225
\207\334\212\353\326\172\220\250\150\065\375\027\374\164\072\124
\020\222\065\223\102\165\056\330\076\313\251\224\241\276\152\067
\077\122\272\244\173\332\204\231\026\171\116\000\150\324\037\023
\351\106\073\074\112\235\203\072\330\041\357\302\362\100\105\341
\017\140\105\004\355\374\212\030\056\371\075\344\244\021\062\040
\216\072\267\356\226\100\025\032\231\351\041\235\162\254\315\037
\211\256\252\331\241\100\260\250\147\276\374\172\016\107\261\136
\274\370\060\152\216\067\237\005\102\354\054\303\246\033\213\253
\304\120\075\372\344\163\365\041\260\270\125\137\207\340\242\107
\070\057\100\137\117\154\253\224\044\126\343\114\217\176\220\351
\047\202\050\233\230\272\232\326\265\233\127\157\153\025\034\371
\273\160\051\175\074\367\023\250\321\161\361\260\376\210\105\161
\251\245\164\145\313\303\371\365\003\017\020\303\206\060\000\156
\301\300\046\242\210\376\041\307\062\075\273\306\173\033\267\233
\212\263\372\261\174\161\331\001\247\102\220\252\057\230\220\204
\252\336\306\255\354\074\121\112\005\035\001\121\233\002\003\001
\000\001\243\202\001\247\060\202\001\243\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\202\001\040\006
\003\125\035\040\004\202\001\027\060\202\001\023\060\202\001\017
\006\011\053\006\001\004\001\201\223\150\003\060\202\001\000\060
\045\006\010\053\006\001\005\005\007\002\001\026\031\150\164\164
\160\072\057\057\167\167\167\056\141\156\143\145\162\164\056\143
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\007\002\002\060\201\311\060\015\026\006\101\116\103\105\122\124
\060\003\002\001\001\032\201\267\101\147\145\156\143\151\141\040
\116\157\164\141\162\151\141\154\040\144\145\040\103\145\162\164
\151\146\151\143\141\143\151\157\156\056\040\114\141\040\144\145
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\145\154\040\146\165\156\143\151\157\156\141\155\151\145\156\164
\157\040\144\145\040\154\141\040\160\162\145\163\145\156\164\145
\040\141\165\164\157\162\151\144\141\144\040\163\145\040\145\156
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\154\145\040\145\156\040\150\164\164\160\072\057\057\167\167\167
\056\141\156\143\145\162\164\056\143\157\155\057\143\160\163\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060
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\162\164\100\141\156\143\145\162\164\056\143\157\155\060\037\006
\003\125\035\043\004\030\060\026\200\024\214\114\036\067\014\261
\237\322\254\104\013\072\276\002\317\364\215\055\146\225\060\035
\006\003\125\035\016\004\026\004\024\214\114\036\067\014\261\237
\322\254\104\013\072\276\002\317\364\215\055\146\225\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\107\164\300\224\221\342\245\373\230\122\104\223\154\304\300
\035\340\171\333\151\144\055\141\256\244\167\221\065\265\267\312
\227\252\300\261\206\365\033\150\153\252\130\262\174\077\347\003
\047\370\101\161\274\246\322\040\251\200\225\242\107\255\155\106
\164\255\204\233\330\157\251\365\271\057\155\233\300\335\231\207
\355\131\262\165\201\245\211\205\052\314\320\205\201\115\363\257
\167\336\214\301\050\232\102\254\005\207\014\064\234\161\207\375
\354\001\024\037\276\303\056\360\337\372\044\246\135\037\074\361
\242\013\121\210\001\256\022\207\244\265\135\161\262\337\357\015
\174\040\343\177\023\013\115\246\300\167\314\077\326\017\161\307
\161\114\056\036\372\031\006\145\311\255\126\154\167\215\106\077
\275\060\203\036\340\056\125\270\170\043\164\074\130\012\143\072
\115\201\173\157\065\160\256\266\045\331\366\044\376\043\306\332
\032\210\257\250\024\223\163\340\300\133\260\061\151\032\366\051
\137\126\267\032\012\302\371\013\352\002\301\063\021\142\152\174
\103\350\352\032\253\220\000\205\340\105\017\175\216\272\120\325
\306

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "ANCERT Corporaciones de Derecho Publico"
Issuer: CN=ANCERT Corporaciones de Derecho Publico,O=Agencia Notarial de Certificacion S.L. Unipersonal -
CIF B83395988,C=ES
Serial Number:3f:b2:e5:f2:d1:7c:8b:18:64:56:62:a9:39:81:7f:a7
Subject: CN=ANCERT Corporaciones de Derecho Publico,O=Agencia Notarial de Certificacion S.L. Unipersonal
- CIF B83395988,C=ES
Not Valid Before: Wed Feb 11 17:22:45 2004
Not Valid After: Sun Feb 11 17:22:45 2024
Fingerprint (MD5): 20:6b:d6:8b:4a:8f:48:ab:e4:88:09:0d:e5:65:1a:50
Fingerprint (SHA1): 0c:fd:83:db:ae:44:b9:a0:c8:f6:76:f3:b5:70:65:0b:94:b6:9d:bf
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST


```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANCERT Corporaciones de Derecho Publico"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\014\375\203\333\256\104\271\240\310\366\166\363\265\160\145\013
\224\266\235\277
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\040\153\326\213\112\217\110\253\344\210\011\015\345\145\032\120
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\214\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\113\060\111\006\003\125\004\012\023\102\101\147\145\156\143
\151\141\040\116\157\164\141\162\151\141\154\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\156\040\123\056\114
\056\040\125\156\151\160\145\162\163\157\156\141\154\040\055\040
\103\111\106\040\102\070\063\063\071\065\071\070\070\061\060\060
\056\006\003\125\004\003\023\047\101\116\103\105\122\124\040\103
\157\162\160\157\162\141\143\151\157\156\145\163\040\144\145\040
\104\145\162\145\143\150\157\040\120\165\142\154\151\143\157
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\077\262\345\362\321\174\213\030\144\126\142\251\071\201
\177\247
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

# Microsoft Code Signing Only Certificate
# Certificate "GLOBALTRUST"
# Issuer: 1.2.840.113549.1.9.1=info@globaltrust.info,CN=GLOBALTRUST,OU=GLOBALTRUST Certification
Service,O=ARGE DATEN - Austrian Society for Data Protection,ST=Austria,L=Vienna,C=AT
# Serial Number: 0 (0x0)
# Subject: 1.2.840.113549.1.9.1=info@globaltrust.info,CN=GLOBALTRUST,OU=GLOBALTRUST Certification
Service,O=ARGE DATEN - Austrian Society for Data Protection,ST=Austria,L=Vienna,C=AT
# Not Valid Before: Mon Aug 07 14:12:35 2006
# Not Valid After: Thu Sep 18 14:12:35 2036
# Fingerprint (MD5): df:0d:bc:7c:c8:36:b7:76:99:a1:ab:f0:d2:0f:89:6a
# Fingerprint (SHA1): 34:2c:d9:d3:06:2d:a4:8c:34:69:65:29:7f:08:1e:bc:2e:f6:8f:dc
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GLOBALTRUST"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA_SUBJECT MULTILINE_OCTAL

\060\201\324\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\017\060\015\006\003\125\004\007\023\006\126\151\145\156\156
\141\061\020\060\016\006\003\125\004\010\023\007\101\165\163\164
\162\151\141\061\072\060\070\006\003\125\004\012\023\061\101\122
\107\105\040\104\101\124\105\116\040\055\040\101\165\163\164\162
\151\141\156\040\123\157\143\151\145\164\171\040\146\157\162\040
\104\141\164\141\040\120\162\157\164\145\143\164\151\157\156\061
\052\060\050\006\003\125\004\013\023\041\107\114\117\102\101\114
\124\122\125\123\124\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\123\145\162\166\151\143\145\061\024\060\022\006
\003\125\004\003\023\013\107\114\117\102\101\114\124\122\125\123
\124\061\044\060\042\006\011\052\206\110\206\367\015\001\011\001
\026\025\151\156\146\157\100\147\154\157\142\141\154\164\162\165
\163\164\056\151\156\146\157

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\324\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\017\060\015\006\003\125\004\007\023\006\126\151\145\156\156
\141\061\020\060\016\006\003\125\004\010\023\007\101\165\163\164
\162\151\141\061\072\060\070\006\003\125\004\012\023\061\101\122
\107\105\040\104\101\124\105\116\040\055\040\101\165\163\164\162
\151\141\156\040\123\157\143\151\145\164\171\040\146\157\162\040
\104\141\164\141\040\120\162\157\164\145\143\164\151\157\156\061
\052\060\050\006\003\125\004\013\023\041\107\114\117\102\101\114
\124\122\125\123\124\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\123\145\162\166\151\143\145\061\024\060\022\006
\003\125\004\003\023\013\107\114\117\102\101\114\124\122\125\123
\124\061\044\060\042\006\011\052\206\110\206\367\015\001\011\001
\026\025\151\156\146\157\100\147\154\157\142\141\154\164\162\165
\163\164\056\151\156\146\157

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\007\376\060\202\005\346\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\324\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\017\060\015\006\003\125\004\007\023\006\126\151\145\156\156\141
\061\020\060\016\006\003\125\004\010\023\007\101\165\163\164\162
\151\141\061\072\060\070\006\003\125\004\012\023\061\101\122\107
\105\040\104\101\124\105\116\040\055\040\101\165\163\164\162\151
\141\156\040\123\157\143\151\145\164\171\040\146\157\162\040\104
\141\164\141\040\120\162\157\164\145\143\164\151\157\156\061\052
\060\050\006\003\125\004\013\023\041\107\114\117\102\101\114\124
\122\125\123\124\040\103\145\162\164\151\146\151\143\141\164\151

\157\156\040\123\145\162\166\151\143\145\061\024\060\022\006\003
\125\004\003\023\013\107\114\117\102\101\114\124\122\125\123\124
\061\044\060\042\006\011\052\206\110\206\367\015\001\011\001\026
\025\151\156\146\157\100\147\154\157\142\141\154\164\162\165\163
\164\056\151\156\146\157\060\036\027\015\060\066\060\070\060\067
\061\064\061\062\063\065\132\027\015\063\066\060\071\061\070\061
\064\061\062\063\065\132\060\201\324\061\013\060\011\006\003\125
\004\006\023\002\101\124\061\017\060\015\006\003\125\004\007\023
\006\126\151\145\156\156\141\061\020\060\016\006\003\125\004\010
\023\007\101\165\163\164\162\151\141\061\072\060\070\006\003\125
\004\012\023\061\101\122\107\105\040\104\101\124\105\116\040\055
\040\101\165\163\164\162\151\141\156\040\123\157\143\151\145\164
\171\040\146\157\162\040\104\141\164\141\040\120\162\157\164\145
\143\164\151\157\156\061\052\060\050\006\003\125\004\013\023\041
\107\114\117\102\101\114\124\122\125\123\124\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\061\024\060\022\006\003\125\004\003\023\013\107\114\117\102
\101\114\124\122\125\123\124\061\044\060\042\006\011\052\206\110
\206\367\015\001\011\001\026\025\151\156\146\157\100\147\154\157
\142\141\154\164\162\165\163\164\056\151\156\146\157\060\202\002
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\322\022
\107\354\137\230\350\015\206\025\111\304\335\354\236\361\154\315
\121\266\373\225\117\213\304\220\075\123\063\261\323\023\305\110
\342\245\277\365\364\003\204\017\234\170\161\366\222\227\361\133
\131\165\030\077\047\013\121\057\134\150\307\241\353\000\363\366
\225\075\151\303\176\302\254\304\012\066\162\172\133\246\320\367
\001\173\050\307\052\307\062\140\356\131\270\327\013\047\335\263
\105\005\053\173\144\247\163\134\350\223\002\227\150\354\374\204
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\012\243\270\165\044\347\120\047\015\253\026\371\126\135\261\201
\001\026\175\363\351\341\044\363\010\041\271\272\254\135\236\307
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\010\024\242\231\011\105\127\255\007\336\042\374\207\034\240\357
\240\171\335\012\175\300\177\065\350\014\146\115\343\265\152\026
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\147\156\322\251\031\341\132\072\207\152\110\077\221\226\343\306
\305\047\153\127\164\061\230\366\076\161\161\355\176\336\260\115
\054\363\356\217\333\173\150\327\020\104\051\255\354\253\120\131
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\353\300\041\122\246\004\356\046\313\244\060\202\001\001\006\003
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\037\057\164\072\343\353\300\041\122\246\004\356\046\313\244\241
\201\332\244\201\327\060\201\324\061\013\060\011\006\003\125\004
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\007\101\165\163\164\162\151\141\061\072\060\070\006\003\125\004
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\040\146\157\162\040\104\141\164\141\040\120\162\157\164\145\143
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\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143\145
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\114\124\122\125\123\124\061\044\060\042\006\011\052\206\110\206
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\141\154\164\162\165\163\164\056\151\156\146\157\202\001\000\060
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\060\013\006\003\125\035\017\004\004\003\002\001\306\060\021\006
\003\125\035\040\004\012\060\010\060\006\006\004\125\035\040\000
\060\075\006\003\125\035\021\004\066\060\064\201\025\151\156\146
\157\100\147\154\157\142\141\154\164\162\165\163\164\056\151\156
\146\157\206\033\150\164\164\160\072\057\057\167\167\167\056\147
\154\157\142\141\154\164\162\165\163\164\056\151\156\146\157\060
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\100\147\154\157\142\141\154\164\162\165\163\164\056\151\156\146
\157\206\033\150\164\164\160\072\057\057\167\167\167\056\147\154
\157\142\141\154\164\162\165\163\164\056\151\156\146\157\060\015
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\112\372\050\245\326\007\245\044\110\316\236\171\350\171\232\134
\044\216\130\162\024\101\205\307\105\356\074\050\151\070\111\256
\042\215\273\214\005\155\256\145\273\207\271\176\166\073\050\143
\152\326\157\063\060\210\176\125\005\272\271\025\003\230\035\142
\322\316\300\017\156\034\232\064\356\344\257\037\142\321\354\264
\171\317\317\151\222\212\130\375\301\307\166\013\134\315\122\064
\110\153\345\013\177\311\062\022\337\230\012\026\331\063\126\026
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\116\135\207\076\166\122\256\131\176\061\341\174\272\122\213\130

\220\327\200\106\013\064\066\336\357\021\311\134\042\106\302\074
\247\177\142\004\157\337\076\110\216\352\013\076\010\254\030\032
\122\326\361\366\324\142\057\003\271\232\326\074\123\177\125\046
\306\065\053\041\164\260\211\220\124\344\001\210\134\234\205\052
\232\145\136\113\127\362\200\034\354\147\064\232\106\334\002\166
\376\162\067\162\011\261\360\043\217\130\263\002\175\356\170\016
\271\075\163\022\055\125\237\027\143\257\256\330\256\163\266\307
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\260\007\374\116\175\223\035\271\047\300\260\225\325\347\174\005
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\053\132\364\126\130\277\166\064\242\075\376\001\046\360\335\270
\155\360\244\347\274\040\366\121\010\366\343\067\211\127\066\366
\367\057\376\315\270\144\275\352\327\246\320\377\170\357\176\341
\034\036\124\176\017\064\031\201\020\163\322\343\170\006\027\266
\322\121\373\065\170\166\332\167\203\067\101\076\055\106\250\176
\206\336\126\364\312\220\236\264\255\260\036\105\030\074\064\210
\002\207\350\360\066\221\353\362\347\265\322\004\271\056\270\135
\215\035\232\056\013\026\031\315\166\244\253\373\321\342\243\242
\334\204\175\173\352\120\352\365\262\004\073\211\122\072\262\303
\031\117\271\046\261\274\274\054\262\341\201\246\263\141\265\364
\105\140\057\054\165\305\310\055\210\113\046\273\160\356\073\177
\001\055

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "GLOBALTRUST"

Issuer: 1.2.840.113549.1.9.1=info@globaltrust.info,CN=GLOBALTRUST,OU=GLOBALTRUST Certification
Service,O=ARGE DATEN - Austrian Society for Data Protection,ST=Austria,L=Vienna,C=AT

Serial Number: 0 (0x0)

Subject: 1.2.840.113549.1.9.1=info@globaltrust.info,CN=GLOBALTRUST,OU=GLOBALTRUST Certification
Service,O=ARGE DATEN - Austrian Society for Data Protection,ST=Austria,L=Vienna,C=AT

Not Valid Before: Mon Aug 07 14:12:35 2006

Not Valid After: Thu Sep 18 14:12:35 2036

Fingerprint (MD5): df:0d:bc:7c:c8:36:b7:76:99:a1:ab:f0:d2:0f:89:6a

Fingerprint (SHA1): 34:2c:d9:d3:06:2d:a4:8c:34:69:65:29:7f:08:1e:bc:2e:f6:8f:dc

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GLOBALTRUST"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\064\054\331\323\006\055\244\214\064\151\145\051\177\010\036\274
\056\366\217\334

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\337\015\274\174\310\066\267\166\231\241\253\360\322\017\211\152

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\324\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\017\060\015\006\003\125\004\007\023\006\126\151\145\156\156
\141\061\020\060\016\006\003\125\004\010\023\007\101\165\163\164
\162\151\141\061\072\060\070\006\003\125\004\012\023\061\101\122
\107\105\040\104\101\124\105\116\040\055\040\101\165\163\164\162
\151\141\156\040\123\157\143\151\145\164\171\040\146\157\162\040
\104\141\164\141\040\120\162\157\164\145\143\164\151\157\156\061
\052\060\050\006\003\125\004\013\023\041\107\114\117\102\101\114
\124\122\125\123\124\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\123\145\162\166\151\143\145\061\024\060\022\006
\003\125\004\003\023\013\107\114\117\102\101\114\124\122\125\123
\124\061\044\060\042\006\011\052\206\110\206\367\015\001\011\001
\026\025\151\156\146\157\100\147\154\157\142\141\154\164\162\165
\163\164\056\151\156\146\157

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Certipost E-Trust TOP Root CA"

Issuer: CN=Certipost E-Trust TOP Root CA,O=Certipost s.a./n.v.,C=BE

Serial Number:04:00:00:00:00:01:05:52:64:c1:95

Subject: CN=Certipost E-Trust TOP Root CA,O=Certipost s.a./n.v.,C=BE

Not Valid Before: Tue Jul 26 10:00:00 2005

Not Valid After: Sat Jul 26 10:00:00 2025

Fingerprint (MD5): b8:d3:12:03:4e:8c:0c:5a:47:c9:b6:c5:9e:5b:97:fd

Fingerprint (SHA1): 05:60:a2:c7:38:ff:98:d1:17:2a:94:fe:45:fb:8a:47:d6:65:37:1e

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Certipost E-Trust TOP Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\123\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\034\060\032\006\003\125\004\012\023\023\103\145\162\164\151\160
\157\163\164\040\163\056\141\056\057\156\056\166\056\061\046\060
\044\006\003\125\004\003\023\035\103\145\162\164\151\160\157\163
\164\040\105\055\124\162\165\163\164\040\124\117\120\040\122\157
\157\164\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\123\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\034\060\032\006\003\125\004\012\023\023\103\145\162\164\151\160
\157\163\164\040\163\056\141\056\057\156\056\166\056\061\046\060
\044\006\003\125\004\003\023\035\103\145\162\164\151\160\157\163
\164\040\105\055\124\162\165\163\164\040\124\117\120\040\122\157
\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\013\004\000\000\000\000\001\005\122\144\301\225

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\314\060\202\002\264\240\003\002\001\002\002\013\004
\000\000\000\000\001\005\122\144\301\225\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\060\123\061\013\060\011\006
\003\125\004\006\023\002\102\105\061\034\060\032\006\003\125\004
\012\023\023\103\145\162\164\151\160\157\163\164\040\163\056\141
\056\057\156\056\166\056\061\046\060\044\006\003\125\004\003\023
\035\103\145\162\164\151\160\157\163\164\040\105\055\124\162\165
\163\164\040\124\117\120\040\122\157\157\164\040\103\101\060\036
\027\015\060\065\060\067\062\066\061\060\060\060\060\060\132\027
\015\062\065\060\067\062\066\061\060\060\060\060\060\132\060\123
\061\013\060\011\006\003\125\004\006\023\002\102\105\061\034\060
\032\006\003\125\004\012\023\023\103\145\162\164\151\160\157\163
\164\040\163\056\141\056\057\156\056\166\056\061\046\060\044\006
\003\125\004\003\023\035\103\145\162\164\151\160\157\163\164\040
\105\055\124\162\165\163\164\040\124\117\120\040\122\157\157\164
\040\103\101\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\245\324\113\100\326\373\361\065\030\073\242\260
\103\344\311\125\241\300\007\273\010\276\072\031\265\043\303\036
\235\263\010\112\364\103\113\351\301\031\140\220\337\204\327\130
\306\072\335\012\054\225\054\275\227\177\376\242\165\332\006\343
\253\233\154\321\270\317\104\206\301\122\140\267\334\076\073\260
\362\351\304\121\074\112\271\203\271\116\141\152\003\233\034\122
\200\072\120\264\040\262\333\323\262\306\124\177\313\140\233\310
\044\236\257\011\307\145\015\050\366\332\232\042\302\063\156\362
\363\045\324\244\371\226\365\157\252\074\153\334\101\060\345\346
\157\312\110\037\060\170\035\171\175\247\321\277\256\305\136\103
\371\306\057\203\166\233\064\112\244\050\130\053\250\210\205\104
\152\053\362\126\102\166\231\220\063\252\356\371\041\317\362\075
\371\167\204\313\335\051\204\304\324\212\052\244\071\134\076\371
\034\045\150\115\365\347\233\135\261\032\064\136\312\002\163\371
\010\304\014\155\136\335\022\052\345\173\305\066\170\122\235\062
\301\305\050\245\040\250\345\230\015\271\157\317\271\200\236\345
\276\271\233\375\002\003\001\000\001\243\201\240\060\201\235\060

\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\113\336\276\005\061
\056\363\065\310\330\312\247\126\305\224\015\264\132\145\305\060
\110\006\003\125\035\040\004\101\060\077\060\075\006\011\003\220
\016\007\001\000\001\002\000\060\060\060\056\006\010\053\006\001
\005\005\007\002\001\026\042\150\164\164\160\072\057\057\167\167
\167\056\145\055\164\162\165\163\164\056\142\145\057\103\120\123
\057\121\116\143\145\162\164\163\040\060\021\006\011\140\206\110
\001\206\370\102\001\001\004\004\003\002\000\007\060\015\006\011
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000
\211\143\314\242\316\370\124\152\174\131\064\170\253\001\264\226
\055\052\041\156\100\055\137\320\226\042\231\203\005\034\345\044
\315\342\365\065\004\277\000\226\007\354\262\244\072\152\053\043
\076\311\017\312\023\035\270\044\226\011\046\330\074\052\201\316
\341\201\310\311\163\076\365\273\017\010\036\220\340\260\222\271
\322\072\227\120\340\006\216\344\202\060\074\140\040\267\244\356
\253\211\006\341\374\045\273\221\324\371\267\137\150\143\250\240
\150\206\153\247\354\222\313\042\372\120\133\023\130\047\256\053
\103\013\266\027\306\060\162\004\063\104\046\112\104\007\037\163
\240\203\101\051\340\222\006\274\325\001\352\376\274\257\161\353
\040\037\012\135\015\240\051\136\316\344\101\121\125\226\303\037
\264\061\245\243\363\123\352\377\302\234\206\162\317\066\114\126
\132\006\062\176\136\253\112\241\316\247\353\237\244\214\052\271
\044\213\270\265\363\006\115\246\312\175\231\373\366\125\352\256
\110\171\356\046\131\323\037\014\123\025\367\142\121\371\204\015
\226\154\136\261\010\346\131\010\053\046\051\012\301\203\100\163
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Certipost E-Trust TOP Root CA"
Issuer: CN=Certipost E-Trust TOP Root CA,O=Certipost s.a./n.v.,C=BE
Serial Number:04:00:00:00:00:01:05:52:64:c1:95
Subject: CN=Certipost E-Trust TOP Root CA,O=Certipost s.a./n.v.,C=BE
Not Valid Before: Tue Jul 26 10:00:00 2005
Not Valid After: Sat Jul 26 10:00:00 2025
Fingerprint (MD5): b8:d3:12:03:4e:8c:0c:5a:47:c9:b6:c5:9e:5b:97:fd
Fingerprint (SHA1): 05:60:a2:c7:38:ff:98:d1:17:2a:94:fe:45:fb:8a:47:d6:65:37:1e
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certipost E-Trust TOP Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\005\140\242\307\070\377\230\321\027\052\224\376\105\373\212\107


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\326\145\067\036
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\270\323\022\003\116\214\014\132\107\311\266\305\236\133\227\375
END
CKA_ISSUER MULTILINE_OCTAL
\060\123\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\034\060\032\006\003\125\004\012\023\023\103\145\162\164\151\160
\157\163\164\040\163\056\141\056\057\156\056\166\056\061\046\060
\044\006\003\125\004\003\023\035\103\145\162\164\151\160\157\163
\164\040\105\055\124\162\165\163\164\040\124\117\120\040\122\157
\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\005\122\144\301\225
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Certipost E-Trust Primary Qualified CA"
# Issuer: CN=Certipost E-Trust Primary Qualified CA,O=Certipost s.a./n.v.,C=BE
# Serial Number:04:00:00:00:00:01:05:52:64:c4:25
# Subject: CN=Certipost E-Trust Primary Qualified CA,O=Certipost s.a./n.v.,C=BE
# Not Valid Before: Tue Jul 26 10:00:00 2005
# Not Valid After: Sun Jul 26 10:00:00 2020
# Fingerprint (MD5): 10:0e:ad:f3:5c:84:1d:8e:03:5f:2d:c9:39:37:f5:52
# Fingerprint (SHA1): 74:2c:df:15:94:04:9c:bf:17:a2:04:6c:c6:39:bb:38:88:e0:2e:33
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certipost E-Trust Primary Qualified CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\134\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\034\060\032\006\003\125\004\012\023\023\103\145\162\164\151\160
\157\163\164\040\163\056\141\056\057\156\056\166\056\061\057\060
\055\006\003\125\004\003\023\046\103\145\162\164\151\160\157\163
\164\040\105\055\124\162\165\163\164\040\120\162\151\155\141\162
\171\040\121\165\141\154\151\146\151\145\144\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\134\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\034\060\032\006\003\125\004\012\023\023\103\145\162\164\151\160

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\157\163\164\040\163\056\141\056\057\156\056\166\056\061\057\060
\055\006\003\125\004\003\023\046\103\145\162\164\151\160\157\163
\164\040\105\055\124\162\165\163\164\040\120\162\151\155\141\162
\171\040\121\165\141\154\151\146\151\145\144\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\013\004\000\000\000\000\001\005\122\144\304\045

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\336\060\202\002\306\240\003\002\001\002\002\013\004
\000\000\000\000\001\005\122\144\304\045\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\005\000\060\134\061\013\060\011\006
\003\125\004\006\023\002\102\105\061\034\060\032\006\003\125\004
\012\023\023\103\145\162\164\151\160\157\163\164\040\163\056\141
\056\057\156\056\166\056\061\057\060\055\006\003\125\004\003\023
\046\103\145\162\164\151\160\157\163\164\040\105\055\124\162\165
\163\164\040\120\162\151\155\141\162\171\040\121\165\141\154\151
\146\151\145\144\040\103\101\060\036\027\015\060\065\060\067\062
\066\061\060\060\060\060\060\132\027\015\062\060\060\067\062\066
\061\060\060\060\060\060\132\060\134\061\013\060\011\006\003\125
\004\006\023\002\102\105\061\034\060\032\006\003\125\004\012\023
\023\103\145\162\164\151\160\157\163\164\040\163\056\141\056\057
\156\056\166\056\061\057\060\055\006\003\125\004\003\023\046\103
\145\162\164\151\160\157\163\164\040\105\055\124\162\165\163\164
\040\120\162\151\155\141\162\171\040\121\165\141\154\151\146\151
\145\144\040\103\101\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\256\040\322\170\333\232\240\162\234\004
\122\045\054\155\122\330\327\047\211\063\240\341\262\325\373\060
\165\153\055\177\034\147\216\016\347\037\022\337\027\171\030\273
\264\033\157\370\075\165\033\236\147\067\360\361\372\017\165\355
\206\235\003\004\241\050\160\055\074\262\153\240\163\121\343\065
\251\164\245\010\076\224\205\047\066\052\252\162\144\374\167\356
\166\224\034\162\353\277\062\307\167\003\152\045\202\011\005\257
\137\140\074\177\254\033\274\222\350\074\164\131\316\361\174\124
\055\070\256\226\360\254\157\241\063\014\041\132\001\272\043\040
\133\240\206\002\325\123\334\111\037\250\062\263\257\073\106\073
\266\357\237\071\263\070\013\347\172\212\366\050\371\247\157\120
\051\310\171\130\213\111\322\245\330\205\176\126\361\151\025\170
\104\021\065\327\245\124\076\253\146\045\322\333\343\030\361\056
\053\342\161\043\011\067\144\103\102\164\062\226\167\336\227\242
\351\226\206\234\045\104\011\324\001\235\121\176\063\267\011\104
\345\200\227\015\144\133\167\030\227\245\113\251\236\020\235\207
\372\126\247\317\012\175\002\003\001\000\001\243\201\240\060\201
\235\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\035\006\003\125\035\016\004\026\004\024\360\170\371
\007\167\020\273\334\036\241\256\171\373\060\020\333\306\064\370

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\027\060\110\006\003\125\035\040\004\101\060\077\060\075\006\011
\003\220\016\007\001\000\001\002\000\060\060\060\056\006\010\053
\006\001\005\005\007\002\001\026\042\150\164\164\160\072\057\057
\167\167\167\056\145\055\164\162\165\163\164\056\142\145\057\103
\120\123\057\121\116\143\145\162\164\163\040\060\021\006\011\140
\206\110\001\206\370\102\001\001\004\004\003\002\000\007\060\015
\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001
\001\000\154\341\330\137\164\130\351\160\111\326\312\015\054\130
\332\312\144\266\121\117\303\006\144\001\351\212\163\035\236\317
\106\170\277\073\205\206\342\075\112\030\224\052\201\167\157\202
\370\157\364\356\042\374\235\030\041\162\140\273\030\200\202\225
\373\371\367\225\044\201\146\301\265\303\265\322\266\166\213\073
\201\134\270\241\016\053\001\024\213\200\011\100\356\370\140\114
\031\344\027\315\047\001\263\143\022\005\244\010\311\264\277\236
\120\116\265\336\017\222\063\146\165\320\075\347\043\174\352\045
\161\174\376\076\056\066\171\241\345\051\120\043\065\005\225\170
\273\237\171\144\334\127\110\047\054\342\134\063\315\302\273\176
\150\167\247\057\243\111\027\162\341\000\204\153\175\172\257\071
\013\054\325\330\127\144\062\154\204\012\152\166\072\323\254\315
\235\261\347\067\334\354\014\057\305\127\140\337\210\365\103\261
\001\144\046\264\047\202\020\262\243\120\357\227\346\177\277\221
\207\263\333\220\251\052\342\172\064\154\163\111\364\350\215\056
\153\212\335\241\212\177\143\320\277\130\036\257\314\077\222\120
\055\321
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END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Certipost E-Trust Primary Qualified CA"
# Issuer: CN=Certipost E-Trust Primary Qualified CA,O=Certipost s.a./n.v.,C=BE
# Serial Number:04:00:00:00:00:01:05:52:64:c4:25
# Subject: CN=Certipost E-Trust Primary Qualified CA,O=Certipost s.a./n.v.,C=BE
# Not Valid Before: Tue Jul 26 10:00:00 2005
# Not Valid After: Sun Jul 26 10:00:00 2020
# Fingerprint (MD5): 10:0e:ad:f3:5c:84:1d:8e:03:5f:2d:c9:39:37:f5:52
# Fingerprint (SHA1): 74:2c:df:15:94:04:9c:bf:17:a2:04:6c:c6:39:bb:38:88:e0:2e:33
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certipost E-Trust Primary Qualified CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\054\337\025\224\004\234\277\027\242\004\154\306\071\273\070
\210\340\056\063
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

\020\016\255\363\134\204\035\216\003\137\055\311\071\067\365\122

END

CKA_ISSUER MULTILINE_OCTAL

\060\134\061\013\060\011\006\003\125\004\006\023\002\102\105\061

\034\060\032\006\003\125\004\012\023\023\103\145\162\164\151\160

\157\163\164\040\163\056\141\056\057\156\056\166\056\061\057\060

\055\006\003\125\004\003\023\046\103\145\162\164\151\160\157\163

\164\040\105\055\124\162\165\163\164\040\120\162\151\155\141\162

\171\040\121\165\141\154\151\146\151\145\144\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\013\004\000\000\000\000\001\005\122\144\304\045

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Certipost E-Trust Primary Normalised CA"

Issuer: CN=Certipost E-Trust Primary Normalised CA,O=Certipost s.a./n.v.,C=BE

Serial Number:04:00:00:00:00:01:05:52:64:c7:61

Subject: CN=Certipost E-Trust Primary Normalised CA,O=Certipost s.a./n.v.,C=BE

Not Valid Before: Tue Jul 26 10:00:00 2005

Not Valid After: Sun Jul 26 10:00:00 2020

Fingerprint (MD5): 21:ef:b8:50:40:39:3f:75:6f:27:fe:e3:ea:58:70:eb

Fingerprint (SHA1): a5:9c:9b:10:ec:73:57:51:5a:bb:66:0c:4d:94:f7:3b:9e:6e:92:72

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Certipost E-Trust Primary Normalised CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\135\061\013\060\011\006\003\125\004\006\023\002\102\105\061

\034\060\032\006\003\125\004\012\023\023\103\145\162\164\151\160

\157\163\164\040\163\056\141\056\057\156\056\166\056\061\060\060

\056\006\003\125\004\003\023\047\103\145\162\164\151\160\157\163

\164\040\105\055\124\162\165\163\164\040\120\162\151\155\141\162

\171\040\116\157\162\155\141\154\151\163\145\144\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\135\061\013\060\011\006\003\125\004\006\023\002\102\105\061

\034\060\032\006\003\125\004\012\023\023\103\145\162\164\151\160

\157\163\164\040\163\056\141\056\057\156\056\166\056\061\060\060

\056\006\003\125\004\003\023\047\103\145\162\164\151\160\157\163

\164\040\105\055\124\162\165\163\164\040\120\162\151\155\141\162

\171\040\116\157\162\155\141\154\151\163\145\144\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\005\122\144\307\141
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\340\060\202\002\310\240\003\002\001\002\002\013\004
\000\000\000\000\001\005\122\144\307\141\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\060\135\061\013\060\011\006
\003\125\004\006\023\002\102\105\061\034\060\032\006\003\125\004
\012\023\023\103\145\162\164\151\160\157\163\164\040\163\056\141
\056\057\156\056\166\056\061\060\060\056\006\003\125\004\003\023
\047\103\145\162\164\151\160\157\163\164\040\105\055\124\162\165
\163\164\040\120\162\151\155\141\162\171\040\116\157\162\155\141
\154\151\163\145\144\040\103\101\060\036\027\015\060\065\060\067
\062\066\061\060\060\060\060\060\132\027\015\062\060\060\067\062
\066\061\060\060\060\060\060\132\060\135\061\013\060\011\006\003
\125\004\006\023\002\102\105\061\034\060\032\006\003\125\004\012
\023\023\103\145\162\164\151\160\157\163\164\040\163\056\141\056
\057\156\056\166\056\061\060\060\056\006\003\125\004\003\023\047
\103\145\162\164\151\160\157\163\164\040\105\055\124\162\165\163
\164\040\120\162\151\155\141\162\171\040\116\157\162\155\141\154
\151\163\145\144\040\103\101\060\202\001\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060
\202\001\012\002\202\001\001\000\325\263\252\122\204\172\027\223
\042\017\270\004\030\312\311\362\202\052\254\025\013\247\120\161
\266\114\045\153\367\377\001\252\127\132\167\116\136\023\024\015
\125\362\036\361\205\315\205\327\202\034\014\332\011\053\275\375
\274\236\376\155\211\115\242\002\044\346\121\352\067\177\061\106
\132\173\232\166\263\056\240\135\137\344\370\231\012\007\276\356
\222\046\022\311\173\347\135\154\320\203\107\016\300\214\247\321
\171\127\300\013\031\234\233\236\103\305\116\221\045\316\210\053
\155\171\331\171\212\326\146\116\042\303\032\105\116\357\310\260
\142\046\116\046\124\120\237\014\157\263\153\314\174\237\177\336
\017\015\265\217\303\153\324\341\302\373\273\126\120\252\214\075
\217\000\213\074\374\110\027\152\322\132\363\165\155\145\201\275
\106\135\237\242\142\123\256\316\363\251\344\221\053\132\046\303
\171\146\321\246\123\146\065\034\006\161\261\356\231\016\304\373
\130\022\254\042\106\055\342\042\222\333\341\074\277\273\376\206
\347\223\064\163\317\170\151\323\313\336\371\014\262\150\332\311
\212\012\140\124\304\363\126\143\002\003\001\000\001\243\201\240
\060\201\235\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\110\006\003\125\035\040\004\101\060\077\060
\075\006\011\003\220\016\007\001\000\001\002\000\060\060\060\056
\006\010\053\006\001\005\005\007\002\001\026\042\150\164\164\160
\072\057\057\167\167\167\056\145\055\164\162\165\163\164\056\142
\145\057\103\120\123\057\121\116\143\145\162\164\163\040\060\035

```
\006\003\125\035\016\004\026\004\024\021\362\013\226\322\063\070
\201\127\130\023\375\100\244\021\157\116\231\372\147\060\021\006
\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000\007
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\001\001\000\065\153\117\336\235\363\003\266\035\310\274\215
\347\136\152\236\251\351\355\242\053\227\352\257\321\341\106\323
\002\111\175\304\122\205\353\272\366\323\277\071\142\030\235\223
\111\275\170\003\277\323\136\025\335\357\047\034\341\273\105\001
\042\201\000\115\072\340\205\312\132\062\003\314\040\217\257\357
\301\333\250\372\363\334\327\262\261\017\003\201\011\051\340\161
\174\213\372\177\313\066\156\033\350\024\316\360\113\046\241\062
\051\117\314\264\365\207\110\014\023\374\307\235\257\253\324\223
\365\052\115\177\110\202\130\076\027\377\303\200\052\253\077\127
\125\270\071\054\146\020\144\046\155\214\153\326\335\240\203\032
\132\126\021\226\106\275\256\160\050\326\070\127\133\221\325\077
\115\351\254\263\303\044\112\226\145\134\064\320\036\324\277\010
\245\227\135\367\106\333\166\360\315\076\165\143\000\053\257\255
\256\206\336\137\246\231\124\015\205\043\245\374\272\355\033\122
\372\111\030\167\205\133\252\162\233\047\010\065\105\067\047\333
\227\311\372\213\075\310\320\235\336\132\357\135\243\026\266\230
\171\312\174\313
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Certipost E-Trust Primary Normalised CA"
# Issuer: CN=Certipost E-Trust Primary Normalised CA,O=Certipost s.a./n.v.,C=BE
# Serial Number:04:00:00:00:00:01:05:52:64:c7:61
# Subject: CN=Certipost E-Trust Primary Normalised CA,O=Certipost s.a./n.v.,C=BE
# Not Valid Before: Tue Jul 26 10:00:00 2005
# Not Valid After: Sun Jul 26 10:00:00 2020
# Fingerprint (MD5): 21:ef:b8:50:40:39:3f:75:6f:27:fe:e3:ea:58:70:eb
# Fingerprint (SHA1): a5:9c:9b:10:ec:73:57:51:5a:bb:66:0c:4d:94:f7:3b:9e:6e:92:72
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certipost E-Trust Primary Normalised CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\245\234\233\020\354\163\127\121\132\273\146\014\115\224\367\073
\236\156\222\162
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\041\357\270\120\100\071\077\165\157\047\376\343\352\130\160\353
END
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\135\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\034\060\032\006\003\125\004\012\023\023\103\145\162\164\151\160
\157\163\164\040\163\056\141\056\057\156\056\166\056\061\060\060
\056\006\003\125\004\003\023\047\103\145\162\164\151\160\157\163
\164\040\105\055\124\162\165\163\164\040\120\162\151\155\141\162
\171\040\116\157\162\155\141\154\151\163\145\144\040\103\101
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\013\004\000\000\000\000\001\005\122\144\307\141
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Cybertrust Global Root"

Issuer: CN=Cybertrust Global Root,O=Cybertrust\, Inc

Serial Number:04:00:00:00:00:01:0f:85:aa:2d:48

Subject: CN=Cybertrust Global Root,O=Cybertrust\, Inc

Not Valid Before: Fri Dec 15 08:00:00 2006

Not Valid After: Wed Dec 15 08:00:00 2021

Fingerprint (MD5): 72:e4:4a:87:e3:69:40:80:77:ea:bc:e3:f4:ff:f0:e1

Fingerprint (SHA1): 5f:43:e5:b1:bf:f8:78:8c:ac:1c:c7:ca:4a:9a:c6:22:2b:cc:34:c6

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Cybertrust Global Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\073\061\030\060\026\006\003\125\004\012\023\017\103\171\142
\145\162\164\162\165\163\164\054\040\111\156\143\061\037\060\035
\006\003\125\004\003\023\026\103\171\142\145\162\164\162\165\163
\164\040\107\154\157\142\141\154\040\122\157\157\164
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\073\061\030\060\026\006\003\125\004\012\023\017\103\171\142
\145\162\164\162\165\163\164\054\040\111\156\143\061\037\060\035
\006\003\125\004\003\023\026\103\171\142\145\162\164\162\165\163
\164\040\107\154\157\142\141\154\040\122\157\157\164
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\013\004\000\000\000\000\001\017\205\252\055\110
```

END

CKA_VALUE MULTILINE_OCTAL

```
\060\202\003\241\060\202\002\211\240\003\002\001\002\002\013\004
```

\000\000\000\000\001\017\205\252\055\110\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\060\073\061\030\060\026\006
\003\125\004\012\023\017\103\171\142\145\162\164\162\165\163\164
\054\040\111\156\143\061\037\060\035\006\003\125\004\003\023\026
\103\171\142\145\162\164\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164\060\036\027\015\060\066\061\062\061\065
\060\070\060\060\060\060\132\027\015\062\061\061\062\061\065\060
\070\060\060\060\060\132\060\073\061\030\060\026\006\003\125\004
\012\023\017\103\171\142\145\162\164\162\165\163\164\054\040\111
\156\143\061\037\060\035\006\003\125\004\003\023\026\103\171\142
\145\162\164\162\165\163\164\040\107\154\157\142\141\154\040\122
\157\157\164\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\370\310\274\275\024\120\146\023\377\360\323\171
\354\043\362\267\032\307\216\205\361\022\163\246\031\252\020\333
\234\242\145\164\132\167\076\121\175\126\366\334\043\266\324\355
\137\130\261\067\115\325\111\016\156\365\152\207\326\322\214\322
\047\306\342\377\066\237\230\145\240\023\116\306\052\144\233\325
\220\022\317\024\006\364\073\343\324\050\276\350\016\370\253\116
\110\224\155\216\225\061\020\134\355\242\055\275\325\072\155\262
\034\273\140\300\106\113\001\365\111\256\176\106\212\320\164\215
\241\014\002\316\356\374\347\217\270\153\146\363\177\104\000\277
\146\045\024\053\335\020\060\035\007\226\077\115\366\153\270\217
\267\173\014\245\070\353\336\107\333\325\135\071\374\210\247\363
\327\052\164\361\350\132\242\073\237\120\272\246\214\105\065\302
\120\145\225\334\143\202\357\335\277\167\115\234\142\311\143\163
\026\320\051\017\111\251\110\360\263\252\267\154\305\247\060\071
\100\135\256\304\342\135\046\123\360\316\034\043\010\141\250\224
\031\272\004\142\100\354\037\070\160\167\022\006\161\247\060\030
\135\045\047\245\002\003\001\000\001\243\201\245\060\201\242\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\035\006\003\125\035\016\004\026\004\024\266\010\173\015\172
\314\254\040\114\206\126\062\136\317\253\156\205\055\160\127\060
\077\006\003\125\035\037\004\070\060\066\060\064\240\062\240\060
\206\056\150\164\164\160\072\057\057\167\167\167\062\056\160\165
\142\154\151\143\055\164\162\165\163\164\056\143\157\155\057\143
\162\154\057\143\164\057\143\164\162\157\157\164\056\143\162\154
\060\037\006\003\125\035\043\004\030\060\026\200\024\266\010\173
\015\172\314\254\040\114\206\126\062\136\317\253\156\205\055\160
\127\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\126\357\012\043\240\124\116\225\227\311\370
\211\332\105\301\324\243\000\045\364\037\023\253\267\243\205\130
\151\302\060\255\330\025\212\055\343\311\315\201\132\370\163\043
\132\247\174\005\363\375\042\073\016\321\006\304\333\066\114\163
\004\216\345\260\042\344\305\363\056\245\331\043\343\270\116\112
\040\247\156\002\044\237\042\140\147\173\213\035\162\011\305\061
\134\351\171\237\200\107\075\255\241\013\007\024\075\107\377\003


```
\151\032\014\013\104\347\143\045\247\177\262\311\270\166\204\355
\043\366\175\007\253\105\176\323\337\263\277\351\212\266\315\250
\242\147\053\122\325\267\145\360\071\114\143\240\221\171\223\122
\017\124\335\203\273\237\321\217\247\123\163\303\313\377\060\354
\174\004\270\330\104\037\223\137\161\011\042\267\156\076\352\034
\003\116\235\032\040\141\373\201\067\354\136\374\012\105\253\327
\347\027\125\320\240\352\140\233\246\366\343\214\133\051\302\006
\140\024\235\055\227\114\251\223\025\235\141\304\001\137\110\326
\130\275\126\061\022\116\021\310\041\340\263\021\221\145\333\264
\246\210\070\316\125
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "Cybertrust Global Root"
```

```
# Issuer: CN=Cybertrust Global Root,O=Cybertrust\, Inc
```

```
# Serial Number:04:00:00:00:00:01:0f:85:aa:2d:48
```

```
# Subject: CN=Cybertrust Global Root,O=Cybertrust\, Inc
```

```
# Not Valid Before: Fri Dec 15 08:00:00 2006
```

```
# Not Valid After: Wed Dec 15 08:00:00 2021
```

```
# Fingerprint (MD5): 72:e4:4a:87:e3:69:40:80:77:ea:bc:e3:f4:ff:f0:e1
```

```
# Fingerprint (SHA1): 5f:43:e5:b1:bf:f8:78:8c:ac:1c:c7:ca:4a:9a:c6:22:2b:cc:34:c6
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Cybertrust Global Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\137\103\345\261\277\370\170\214\254\034\307\312\112\232\306\042
\053\314\064\306
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\162\344\112\207\343\151\100\200\167\352\274\343\364\377\360\341
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\073\061\030\060\026\006\003\125\004\012\023\017\103\171\142
\145\162\164\162\165\163\164\054\040\111\156\143\061\037\060\035
\006\003\125\004\003\023\026\103\171\142\145\162\164\162\165\163
\164\040\107\154\157\142\141\154\040\122\157\157\164
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\013\004\000\000\000\000\001\017\205\252\055\110
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "IGC/A"

Issuer:

1.2.840.113549.1.9.1=igca@sgdn.pm.gouv.fr,CN=IGC/A,OU=DCSSI,O=PM/SGDN,L=Paris,ST=France,C=FR

Serial Number:39:11:45:10:94

Subject:

1.2.840.113549.1.9.1=igca@sgdn.pm.gouv.fr,CN=IGC/A,OU=DCSSI,O=PM/SGDN,L=Paris,ST=France,C=FR

Not Valid Before: Fri Dec 13 14:29:23 2002

Not Valid After: Sat Oct 17 14:29:22 2020

Fingerprint (MD5): 0c:7f:dd:6a:f4:2a:b9:c8:9b:bd:20:7e:a9:db:5c:37

Fingerprint (SHA1): 60:d6:89:74:b5:c2:65:9e:8a:0f:c1:88:7c:88:d2:46:69:1b:18:2c

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "IGC/A"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\106\122
\061\017\060\015\006\003\125\004\010\023\006\106\162\141\156\143
\145\061\016\060\014\006\003\125\004\007\023\005\120\141\162\151
\163\061\020\060\016\006\003\125\004\012\023\007\120\115\057\123
\107\104\116\061\016\060\014\006\003\125\004\013\023\005\104\103
\123\123\111\061\016\060\014\006\003\125\004\003\023\005\111\107
\103\057\101\061\043\060\041\006\011\052\206\110\206\367\015\001
\011\001\026\024\151\147\143\141\100\163\147\144\156\056\160\155
\056\147\157\165\166\056\146\162

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\106\122
\061\017\060\015\006\003\125\004\010\023\006\106\162\141\156\143
\145\061\016\060\014\006\003\125\004\007\023\005\120\141\162\151
\163\061\020\060\016\006\003\125\004\012\023\007\120\115\057\123
\107\104\116\061\016\060\014\006\003\125\004\013\023\005\104\103
\123\123\111\061\016\060\014\006\003\125\004\003\023\005\111\107
\103\057\101\061\043\060\041\006\011\052\206\110\206\367\015\001
\011\001\026\024\151\147\143\141\100\163\147\144\156\056\160\155
\056\147\157\165\166\056\146\162

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\005\071\021\105\020\224

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\002\060\202\002\352\240\003\002\001\002\002\005\071
\021\105\020\224\060\015\006\011\052\206\110\206\367\015\001\001

\005\005\000\060\201\205\061\013\060\011\006\003\125\004\006\023
\002\106\122\061\017\060\015\006\003\125\004\010\023\006\106\162
\141\156\143\145\061\016\060\014\006\003\125\004\007\023\005\120
\141\162\151\163\061\020\060\016\006\003\125\004\012\023\007\120
\115\057\123\107\104\116\061\016\060\014\006\003\125\004\013\023
\005\104\103\123\123\111\061\016\060\014\006\003\125\004\003\023
\005\111\107\103\057\101\061\043\060\041\006\011\052\206\110\206
\367\015\001\011\001\026\024\151\147\143\141\100\163\147\144\156
\056\160\155\056\147\157\165\166\056\146\162\060\036\027\015\060
\062\061\062\061\063\061\064\062\071\062\063\132\027\015\062\060
\061\060\061\067\061\064\062\071\062\062\132\060\201\205\061\013
\060\011\006\003\125\004\006\023\002\106\122\061\017\060\015\006
\003\125\004\010\023\006\106\162\141\156\143\145\061\016\060\014
\006\003\125\004\007\023\005\120\141\162\151\163\061\020\060\016
\006\003\125\004\012\023\007\120\115\057\123\107\104\116\061\016
\060\014\006\003\125\004\013\023\005\104\103\123\123\111\061\016
\060\014\006\003\125\004\003\023\005\111\107\103\057\101\061\043
\060\041\006\011\052\206\110\206\367\015\001\011\001\026\024\151
\147\143\141\100\163\147\144\156\056\160\155\056\147\157\165\166
\056\146\162\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\262\037\321\320\142\305\063\073\300\004\206\210
\263\334\370\210\367\375\337\103\337\172\215\232\111\134\366\116
\252\314\034\271\241\353\047\211\362\106\351\073\112\161\325\035
\216\055\317\346\255\253\143\120\307\124\013\156\022\311\220\066
\306\330\057\332\221\252\150\305\162\376\027\012\262\027\176\171
\265\062\210\160\312\160\300\226\112\216\344\125\315\035\047\224
\277\316\162\052\354\134\371\163\040\376\275\367\056\211\147\270
\273\107\163\022\367\321\065\151\072\362\012\271\256\377\106\102
\106\242\277\241\205\032\371\277\344\377\111\205\367\243\160\206
\062\034\135\237\140\367\251\255\245\377\317\321\064\371\175\133
\027\306\334\326\016\050\153\302\335\361\365\063\150\235\116\374
\207\174\066\022\326\243\200\350\103\015\125\141\224\352\144\067
\107\352\167\312\320\262\130\005\303\135\176\261\250\106\220\061
\126\316\160\052\226\262\060\270\167\346\171\300\275\051\073\375
\224\167\114\275\040\315\101\045\340\056\307\033\273\356\244\004
\101\322\135\255\022\152\212\233\107\373\311\335\106\100\341\235
\074\063\320\265\002\003\001\000\001\243\167\060\165\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\013
\006\003\125\035\017\004\004\003\002\001\106\060\025\006\003\125
\035\040\004\016\060\014\060\012\006\010\052\201\172\001\171\001
\001\001\060\035\006\003\125\035\016\004\026\004\024\243\005\057
\030\140\120\302\211\012\335\053\041\117\377\216\116\250\060\061
\066\060\037\006\003\125\035\043\004\030\060\026\200\024\243\005
\057\030\140\120\302\211\012\335\053\041\117\377\216\116\250\060
\061\066\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\003\202\001\001\000\005\334\046\330\372\167\025\104\150\374
\057\146\072\164\340\135\344\051\377\006\007\023\204\112\253\317

```
\155\240\037\121\224\370\111\313\164\066\024\274\025\335\333\211
\057\335\217\240\135\174\365\022\353\237\236\070\244\107\314\263
\226\331\276\234\045\253\003\176\063\017\225\201\015\375\026\340
\210\276\067\360\154\135\320\061\233\062\053\135\027\145\223\230
\140\274\156\217\261\250\074\036\331\034\363\251\046\102\371\144
\035\302\347\222\366\364\036\132\252\031\122\135\257\350\242\367
\140\240\366\215\360\211\365\156\340\012\005\001\225\311\213\040
\012\272\132\374\232\054\074\275\303\267\311\135\170\045\005\077
\126\024\233\014\332\373\072\110\376\227\151\136\312\020\206\367
\116\226\004\010\115\354\260\276\135\334\073\216\117\301\375\232
\066\064\232\114\124\176\027\003\110\225\010\021\034\007\157\205
\010\176\135\115\304\235\333\373\256\316\262\321\263\270\203\154
\035\262\263\171\361\330\160\231\176\360\023\002\316\136\335\121
\323\337\066\201\241\033\170\057\161\263\361\131\114\106\030\050
\253\205\322\140\126\132
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "IGC/A"

Issuer:

1.2.840.113549.1.9.1=igca@sgdn.pm.gouv.fr,CN=IGC/A,OU=DCSSI,O=PM/SGDN,L=Paris,ST=France,C=FR

Serial Number:39:11:45:10:94

Subject:

1.2.840.113549.1.9.1=igca@sgdn.pm.gouv.fr,CN=IGC/A,OU=DCSSI,O=PM/SGDN,L=Paris,ST=France,C=FR

Not Valid Before: Fri Dec 13 14:29:23 2002

Not Valid After: Sat Oct 17 14:29:22 2020

Fingerprint (MD5): 0c:7f:dd:6a:f4:2a:b9:c8:9b:bd:20:7e:a9:db:5c:37

Fingerprint (SHA1): 60:d6:89:74:b5:c2:65:9e:8a:0f:c1:88:7c:88:d2:46:69:1b:18:2c

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "IGC/A"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\140\326\211\164\265\302\145\236\212\017\301\210\174\210\322\106
\151\033\030\054
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\014\177\335\152\364\052\271\310\233\275\040\176\251\333\134\067
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\106\122
\061\017\060\015\006\003\125\004\010\023\006\106\162\141\156\143
\145\061\016\060\014\006\003\125\004\007\023\005\120\141\162\151
\163\061\020\060\016\006\003\125\004\012\023\007\120\115\057\123
```

```
\107\104\116\061\016\060\014\006\003\125\004\013\023\005\104\103
\123\123\111\061\016\060\014\006\003\125\004\003\023\005\111\107
\103\057\101\061\043\060\041\006\011\052\206\110\206\367\015\001
\011\001\026\024\151\147\143\141\100\163\147\144\156\056\160\155
\056\147\157\165\166\056\146\162
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\005\071\021\105\020\224
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "S-TRUST Authentication and Encryption Root CA 2005:PN"

Issuer: CN=S-TRUST Authentication and Encryption Root CA 2005:PN,O=Deutscher Sparkassen Verlag
GmbH,L=Stuttgart,ST=Baden-Wuerttemberg (BW),C=DE

Serial Number:37:19:18:e6:53:54:7c:1a:b5:b8:cb:59:5a:db:35:b7

Subject: CN=S-TRUST Authentication and Encryption Root CA 2005:PN,O=Deutscher Sparkassen Verlag
GmbH,L=Stuttgart,ST=Baden-Wuerttemberg (BW),C=DE

Not Valid Before: Wed Jun 22 00:00:00 2005

Not Valid After: Fri Jun 21 23:59:59 2030

Fingerprint (MD5): 04:4b:fd:c9:6c:da:2a:32:85:7c:59:84:61:46:8a:64

Fingerprint (SHA1): be:b5:a9:95:74:6b:9e:df:73:8b:56:e6:df:43:7a:77:be:10:6b:81

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "S-TRUST Authentication and Encryption Root CA 2005:PN"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\040\060\036\006\003\125\004\010\023\027\102\141\144\145\156
\055\127\165\145\162\164\164\145\155\142\145\162\147\040\050\102
\127\051\061\022\060\020\006\003\125\004\007\023\011\123\164\165
\164\164\147\141\162\164\061\051\060\047\006\003\125\004\012\023
\040\104\145\165\164\163\143\150\145\162\040\123\160\141\162\153
\141\163\163\145\156\040\126\145\162\154\141\147\040\107\155\142
\110\061\076\060\074\006\003\125\004\003\023\065\123\055\124\122
\125\123\124\040\101\165\164\150\145\156\164\151\143\141\164\151
\157\156\040\141\156\144\040\105\156\143\162\171\160\164\151\157
\156\040\122\157\157\164\040\103\101\040\062\060\060\065\072\120
\116
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\104\105
```

\061\040\060\036\006\003\125\004\010\023\027\102\141\144\145\156
\055\127\165\145\162\164\164\145\155\142\145\162\147\040\050\102
\127\051\061\022\060\020\006\003\125\004\007\023\011\123\164\165
\164\164\147\141\162\164\061\051\060\047\006\003\125\004\012\023
\040\104\145\165\164\163\143\150\145\162\040\123\160\141\162\153
\141\163\163\145\156\040\126\145\162\154\141\147\040\107\155\142
\110\061\076\060\074\006\003\125\004\003\023\065\123\055\124\122
\125\123\124\040\101\165\164\150\145\156\164\151\143\141\164\151
\157\156\040\141\156\144\040\105\156\143\162\171\160\164\151\157
\156\040\122\157\157\164\040\103\101\040\062\060\060\065\072\120
\116

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\067\031\030\346\123\124\174\032\265\270\313\131\132\333
\065\267

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\173\060\202\003\143\240\003\002\001\002\002\020\067
\031\030\346\123\124\174\032\265\270\313\131\132\333\065\267\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\256\061\013\060\011\006\003\125\004\006\023\002\104\105\061\040
\060\036\006\003\125\004\010\023\027\102\141\144\145\156\055\127
\165\145\162\164\164\145\155\142\145\162\147\040\050\102\127\051
\061\022\060\020\006\003\125\004\007\023\011\123\164\165\164\164
\147\141\162\164\061\051\060\047\006\003\125\004\012\023\040\104
\145\165\164\163\143\150\145\162\040\123\160\141\162\153\141\163
\163\145\156\040\126\145\162\154\141\147\040\107\155\142\110\061
\076\060\074\006\003\125\004\003\023\065\123\055\124\122\125\123
\124\040\101\165\164\150\145\156\164\151\143\141\164\151\157\156
\040\141\156\144\040\105\156\143\162\171\160\164\151\157\156\040
\122\157\157\164\040\103\101\040\062\060\060\065\072\120\116\060
\036\027\015\060\065\060\066\062\062\060\060\060\060\060\132
\027\015\063\060\060\066\062\061\062\063\065\071\065\071\132\060
\201\256\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\040\060\036\006\003\125\004\010\023\027\102\141\144\145\156\055
\127\165\145\162\164\164\145\155\142\145\162\147\040\050\102\127
\051\061\022\060\020\006\003\125\004\007\023\011\123\164\165\164
\164\147\141\162\164\061\051\060\047\006\003\125\004\012\023\040
\104\145\165\164\163\143\150\145\162\040\123\160\141\162\153\141
\163\163\145\156\040\126\145\162\154\141\147\040\107\155\142\110
\061\076\060\074\006\003\125\004\003\023\065\123\055\124\122\125
\123\124\040\101\165\164\150\145\156\164\151\143\141\164\151\157
\156\040\141\156\144\040\105\156\143\162\171\160\164\151\157\156
\040\122\157\157\164\040\103\101\040\062\060\060\065\072\120\116
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001
\000\331\265\112\301\323\063\352\323\106\263\321\342\114\322\365
\266\203\320\157\325\030\351\223\257\047\216\023\315\265\045\066

\120\064\022\144\051\241\125\341\072\140\223\236\050\311\343\363
\233\341\004\260\043\277\225\212\216\133\033\101\177\132\303\350
\115\114\325\044\026\076\207\110\324\047\256\346\367\123\035\273
\014\000\357\076\141\161\255\277\072\172\130\037\224\075\134\201
\325\325\157\337\270\233\322\365\345\313\203\162\222\302\123\262
\202\002\353\255\255\137\026\055\222\123\166\361\211\266\054\365
\301\057\340\247\112\157\240\060\152\062\353\232\164\003\150\170
\023\235\312\057\233\013\035\276\317\165\015\046\227\233\307\365
\136\012\237\170\337\263\274\354\232\272\357\125\217\033\232\246
\007\143\051\027\131\142\011\052\171\007\167\245\340\321\027\151
\351\133\335\366\220\253\342\230\012\000\321\045\155\236\327\205
\207\057\222\361\321\166\203\117\013\072\131\067\050\057\063\247
\027\120\326\040\013\012\364\046\371\237\070\347\055\244\270\233
\211\215\255\255\311\152\175\211\027\273\366\177\200\203\172\346
\355\002\003\001\000\001\243\201\222\060\201\217\060\022\006\003
\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001\000
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\051\006\003\125\035\021\004\042\060\040\244\036\060\034\061
\032\060\030\006\003\125\004\003\023\021\123\124\122\157\156\154
\151\156\145\061\055\062\060\064\070\055\065\060\035\006\003\125
\035\016\004\026\004\024\017\312\036\134\171\340\242\363\051\266
\322\205\263\013\112\265\145\354\153\122\060\037\006\003\125\035
\043\004\030\060\026\200\024\017\312\036\134\171\340\242\363\051
\266\322\205\263\013\112\265\145\354\153\122\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\257
\001\360\355\031\074\050\350\115\134\273\245\143\034\210\063\003
\247\000\207\244\037\040\253\326\034\343\006\037\227\176\124\275
\267\321\262\311\325\332\200\354\027\327\212\365\173\302\000\366
\351\021\157\204\240\132\045\061\342\211\371\244\000\077\061\150
\056\325\075\350\156\346\325\035\074\077\262\275\237\167\353\235
\323\214\272\300\327\266\115\354\123\234\017\004\156\352\065\147
\127\343\012\145\173\220\072\341\117\076\303\000\222\172\273\005
\211\163\214\313\246\115\300\373\366\002\326\260\007\243\003\302
\047\100\237\014\344\205\202\055\257\232\102\035\320\307\215\370
\100\356\235\006\127\034\331\242\330\200\024\376\341\143\055\062
\207\325\224\122\226\072\106\306\161\226\075\367\230\016\262\221
\252\217\332\364\116\044\000\071\125\350\255\027\271\323\064\053
\112\251\100\314\027\052\125\145\101\164\102\176\365\300\257\310
\223\255\362\030\133\075\211\014\333\107\071\044\370\340\114\362
\037\260\075\012\312\005\116\211\041\032\343\052\231\254\374\177
\241\361\017\033\037\075\236\004\203\335\226\331\035\072\224

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "S-TRUST Authentication and Encryption Root CA 2005:PN"

```
# Issuer: CN=S-TRUST Authentication and Encryption Root CA 2005:PN,O=Deutscher Sparkassen Verlag
GmbH,L=Stuttgart,ST=Baden-Wuerttemberg (BW),C=DE
# Serial Number:37:19:18:e6:53:54:7c:1a:b5:b8:cb:59:5a:db:35:b7
# Subject: CN=S-TRUST Authentication and Encryption Root CA 2005:PN,O=Deutscher Sparkassen Verlag
GmbH,L=Stuttgart,ST=Baden-Wuerttemberg (BW),C=DE
# Not Valid Before: Wed Jun 22 00:00:00 2005
# Not Valid After: Fri Jun 21 23:59:59 2030
# Fingerprint (MD5): 04:4b:fd:c9:6c:da:2a:32:85:7c:59:84:61:46:8a:64
# Fingerprint (SHA1): be:b5:a9:95:74:6b:9e:df:73:8b:56:e6:df:43:7a:77:be:10:6b:81
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "S-TRUST Authentication and Encryption Root CA 2005:PN"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\276\265\251\225\164\153\236\337\163\213\126\346\337\103\172\167
\276\020\153\201
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\004\113\375\311\154\332\052\062\205\174\131\204\141\106\212\144
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\040\060\036\006\003\125\004\010\023\027\102\141\144\145\156
\055\127\165\145\162\164\164\145\155\142\145\162\147\040\050\102
\127\051\061\022\060\020\006\003\125\004\007\023\011\123\164\165
\164\164\147\141\162\164\061\051\060\047\006\003\125\004\012\023
\040\104\145\165\164\163\143\150\145\162\040\123\160\141\162\153
\141\163\163\145\156\040\126\145\162\154\141\147\040\107\155\142
\110\061\076\060\074\006\003\125\004\003\023\065\123\055\124\122
\125\123\124\040\101\165\164\150\145\156\164\151\143\141\164\151
\157\156\040\141\156\144\040\105\156\143\162\171\160\164\151\157
\156\040\122\157\157\164\040\103\101\040\062\060\060\065\072\120
\116
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\067\031\030\346\123\124\174\032\265\270\313\131\132\333
\065\267
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "TC TrustCenter Universal CA I"
# Issuer: CN=TC TrustCenter Universal CA I,OU=TC TrustCenter Universal CA,O=TC TrustCenter GmbH,C=DE
# Serial Number:1d:a2:00:01:00:02:ec:b7:60:80:78:8d:b6:06
```



```
# Subject: CN=TC TrustCenter Universal CA I,OU=TC TrustCenter Universal CA,O=TC TrustCenter
GmbH,C=DE
# Not Valid Before: Wed Mar 22 15:54:28 2006
# Not Valid After: Wed Dec 31 22:59:59 2025
# Fingerprint (MD5): 45:e1:a5:72:c5:a9:36:64:40:9e:f5:e4:58:84:67:8c
# Fingerprint (SHA1): 6b:2f:34:ad:89:58:be:62:fd:b0:6b:5c:ce:bb:9d:d9:4f:4e:39:f3
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TC TrustCenter Universal CA I"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\171\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\044\060
\042\006\003\125\004\013\023\033\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\125\156\151\166\145\162\163\141\154
\040\103\101\061\046\060\044\006\003\125\004\003\023\035\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\125\156\151
\166\145\162\163\141\154\040\103\101\040\111
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\171\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\044\060
\042\006\003\125\004\013\023\033\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\125\156\151\166\145\162\163\141\154
\040\103\101\061\046\060\044\006\003\125\004\003\023\035\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\125\156\151
\166\145\162\163\141\154\040\103\101\040\111
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\016\035\242\000\001\000\002\354\267\140\200\170\215\266\006
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\335\060\202\002\305\240\003\002\001\002\002\016\035
\242\000\001\000\002\354\267\140\200\170\215\266\006\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\060\171\061\013
\060\011\006\003\125\004\006\023\002\104\105\061\034\060\032\006
\003\125\004\012\023\023\124\103\040\124\162\165\163\164\103\145
\156\164\145\162\040\107\155\142\110\061\044\060\042\006\003\125
\004\013\023\033\124\103\040\124\162\165\163\164\103\145\156\164
\145\162\040\125\156\151\166\145\162\163\141\154\040\103\101\061
\046\060\044\006\003\125\004\003\023\035\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\125\156\151\166\145\162\163
\141\154\040\103\101\040\111\060\036\027\015\060\066\060\063\062
```

\062\061\065\065\064\062\070\132\027\015\062\065\061\062\063\061
\062\062\065\071\065\071\132\060\171\061\013\060\011\006\003\125
\004\006\023\002\104\105\061\034\060\032\006\003\125\004\012\023
\023\124\103\040\124\162\165\163\164\103\145\156\164\145\162\040
\107\155\142\110\061\044\060\042\006\003\125\004\013\023\033\124
\103\040\124\162\165\163\164\103\145\156\164\145\162\040\125\156
\151\166\145\162\163\141\154\040\103\101\061\046\060\044\006\003
\125\004\003\023\035\124\103\040\124\162\165\163\164\103\145\156
\164\145\162\040\125\156\151\166\145\162\163\141\154\040\103\101
\040\111\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\244\167\043\226\104\257\220\364\061\247\020\364\046
\207\234\363\070\331\017\136\336\317\101\350\061\255\306\164\221
\044\226\170\036\011\240\233\232\225\112\112\365\142\174\002\250
\312\254\373\132\004\166\071\336\137\361\371\263\277\363\003\130
\125\322\252\267\343\004\042\321\370\224\332\042\010\000\215\323
\174\046\135\314\167\171\347\054\170\071\250\046\163\016\242\135
\045\151\205\117\125\016\232\357\306\271\104\341\127\075\337\037
\124\042\345\157\145\252\063\204\072\363\316\172\276\125\227\256
\215\022\017\024\063\342\120\160\303\111\207\023\274\121\336\327
\230\022\132\357\072\203\063\222\006\165\213\222\174\022\150\173
\160\152\017\265\233\266\167\133\110\131\235\344\357\132\255\363
\301\236\324\327\105\116\312\126\064\041\274\076\027\133\157\167
\014\110\001\103\051\260\335\077\226\156\346\225\252\014\300\040
\266\375\076\066\047\234\343\134\317\116\201\334\031\273\221\220
\175\354\346\227\004\036\223\314\042\111\327\227\206\266\023\012
\074\103\043\167\176\360\334\346\315\044\037\073\203\233\064\072
\203\064\343\002\003\001\000\001\243\143\060\141\060\037\006\003
\125\035\043\004\030\060\026\200\024\222\244\165\054\244\236\276
\201\104\353\171\374\212\305\225\245\353\020\165\163\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\035
\006\003\125\035\016\004\026\004\024\222\244\165\054\244\236\276
\201\104\353\171\374\212\305\225\245\353\020\165\163\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\050\322\340\206\325\346\370\173\360\227\334\042\153\073\225
\024\126\017\021\060\245\232\117\072\260\072\340\006\313\145\365
\355\306\227\047\376\045\362\127\346\136\225\214\076\144\140\025
\132\177\057\015\001\305\261\140\375\105\065\317\360\262\277\006
\331\357\132\276\263\142\041\264\327\253\065\174\123\076\246\047
\361\241\055\332\032\043\235\314\335\354\074\055\236\047\064\135
\017\302\066\171\274\311\112\142\055\355\153\331\175\101\103\174
\266\252\312\355\141\261\067\202\025\011\032\212\026\060\330\354
\311\326\107\162\170\113\020\106\024\216\137\016\257\354\307\057
\253\020\327\266\361\156\354\206\262\302\350\015\222\163\334\242
\364\017\072\277\141\043\020\211\234\110\100\156\160\000\263\323
\272\067\104\130\021\172\002\152\210\360\067\064\360\031\351\254
\324\145\163\366\151\214\144\224\072\171\205\051\260\026\053\014

```
\202\077\006\234\307\375\020\053\236\017\054\266\236\343\025\277
\331\066\034\272\045\032\122\075\032\354\042\014\034\340\244\242
\075\360\350\071\317\201\300\173\355\135\037\157\305\320\013\327
\230
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "TC TrustCenter Universal CA I"
```

```
# Issuer: CN=TC TrustCenter Universal CA I,OU=TC TrustCenter Universal CA,O=TC TrustCenter GmbH,C=DE
```

```
# Serial Number:1d:a2:00:01:00:02:ec:b7:60:80:78:8d:b6:06
```

```
# Subject: CN=TC TrustCenter Universal CA I,OU=TC TrustCenter Universal CA,O=TC TrustCenter
GmbH,C=DE
```

```
# Not Valid Before: Wed Mar 22 15:54:28 2006
```

```
# Not Valid After: Wed Dec 31 22:59:59 2025
```

```
# Fingerprint (MD5): 45:e1:a5:72:c5:a9:36:64:40:9e:f5:e4:58:84:67:8c
```

```
# Fingerprint (SHA1): 6b:2f:34:ad:89:58:be:62:fd:b0:6b:5c:ce:bb:9d:d9:4f:4e:39:f3
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TC TrustCenter Universal CA I"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\153\057\064\255\211\130\276\142\375\260\153\134\316\273\235\331
\117\116\071\363
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\105\341\245\162\305\251\066\144\100\236\365\344\130\204\147\214
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\171\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\044\060
\042\006\003\125\004\013\023\033\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\125\156\151\166\145\162\163\141\154
\040\103\101\061\046\060\044\006\003\125\004\003\023\035\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\125\156\151
\166\145\162\163\141\154\040\103\101\040\111
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\016\035\242\000\001\000\002\354\267\140\200\170\215\266\006
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "TC TrustCenter Universal CA II"
# Issuer: CN=TC TrustCenter Universal CA II,OU=TC TrustCenter Universal CA,O=TC TrustCenter GmbH,C=DE
# Serial Number:19:33:00:01:00:02:28:1a:9a:04:bc:f2:55:45
# Subject: CN=TC TrustCenter Universal CA II,OU=TC TrustCenter Universal CA,O=TC TrustCenter
GmbH,C=DE
# Not Valid Before: Wed Mar 22 15:58:34 2006
# Not Valid After: Tue Dec 31 22:59:59 2030
# Fingerprint (MD5): a2:08:e4:b3:3e:ef:de:08:4b:60:d0:bf:79:52:49:8d
# Fingerprint (SHA1): 8c:c4:30:7b:c6:07:55:e7:b2:2d:d9:f7:fe:a2:45:93:6c:7c:f2:88
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TC TrustCenter Universal CA II"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\172\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\044\060
\042\006\003\125\004\013\023\033\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\125\156\151\166\145\162\163\141\154
\040\103\101\061\047\060\045\006\003\125\004\003\023\036\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\125\156\151
\166\145\162\163\141\154\040\103\101\040\111\111
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\172\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\044\060
\042\006\003\125\004\013\023\033\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\125\156\151\166\145\162\163\141\154
\040\103\101\061\047\060\045\006\003\125\004\003\023\036\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\125\156\151
\166\145\162\163\141\154\040\103\101\040\111\111
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\016\031\063\000\001\000\002\050\032\232\004\274\362\125\105
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\337\060\202\003\307\240\003\002\001\002\002\016\031
\063\000\001\000\002\050\032\232\004\274\362\125\105\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\060\172\061\013
\060\011\006\003\125\004\006\023\002\104\105\061\034\060\032\006
\003\125\004\012\023\023\124\103\040\124\162\165\163\164\103\145
\156\164\145\162\040\107\155\142\110\061\044\060\042\006\003\125
```

\004\013\023\033\124\103\040\124\162\165\163\164\103\145\156\164
\145\162\040\125\156\151\166\145\162\163\141\154\040\103\101\061
\047\060\045\006\003\125\004\003\023\036\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\125\156\151\166\145\162\163
\141\154\040\103\101\040\111\111\060\036\027\015\060\066\060\063
\062\062\061\065\065\070\063\064\132\027\015\063\060\061\062\063
\061\062\062\065\071\065\071\132\060\172\061\013\060\011\006\003
\125\004\006\023\002\104\105\061\034\060\032\006\003\125\004\012
\023\023\124\103\040\124\162\165\163\164\103\145\156\164\145\162
\040\107\155\142\110\061\044\060\042\006\003\125\004\013\023\033
\124\103\040\124\162\165\163\164\103\145\156\164\145\162\040\125
\156\151\166\145\162\163\141\154\040\103\101\061\047\060\045\006
\003\125\004\003\023\036\124\103\040\124\162\165\163\164\103\145
\156\164\145\162\040\125\156\151\166\145\162\163\141\154\040\103
\101\040\111\111\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\213\324\167\153\064\154\345\066\330\152\134
\136\070\356\374\325\035\171\003\073\173\203\142\104\202\116\210
\355\336\203\377\356\314\120\142\005\005\225\231\166\230\366\271
\362\137\330\006\221\222\302\366\055\146\027\037\375\123\003\350
\250\215\143\251\156\341\326\033\214\274\230\263\213\073\324\344
\056\312\175\205\111\046\133\171\270\032\213\100\236\177\273\311
\077\143\054\317\321\132\174\272\050\042\101\022\132\115\371\027
\167\374\205\375\302\111\340\052\030\177\351\240\054\234\371\104
\374\014\150\071\102\365\047\005\276\216\025\172\140\235\360\073
\307\074\346\076\026\274\257\166\336\152\267\242\341\253\106\105
\353\214\145\175\321\227\363\227\021\045\253\131\353\240\042\331
\202\335\230\355\176\342\372\240\141\012\112\062\336\054\027\367
\155\104\352\201\107\131\227\127\067\003\071\335\136\202\042\324
\063\270\372\046\011\266\274\071\210\057\121\025\116\233\303\073
\337\023\202\210\335\113\064\362\063\326\220\351\363\123\334\065
\174\300\303\331\174\170\263\315\160\077\215\152\340\243\201\110
\344\051\255\143\270\360\374\050\144\073\231\263\175\376\232\235
\210\366\231\042\010\221\107\026\211\065\170\135\167\241\317\277
\111\341\375\044\224\053\151\066\173\350\034\346\052\220\212\133
\325\073\064\131\102\334\155\317\273\017\101\034\125\315\365\015
\133\056\026\042\046\357\141\036\227\374\342\123\310\317\133\243
\307\251\361\272\016\206\022\313\023\312\025\307\354\344\066\215
\332\134\023\075\145\322\016\135\160\164\334\277\217\172\152\301
\056\017\323\306\136\017\053\131\154\314\141\154\376\300\141\116
\331\346\117\106\262\132\342\031\024\160\204\370\040\000\355\001
\247\227\176\303\275\022\134\222\043\027\240\245\035\105\027\025
\043\232\222\010\265\042\210\215\334\053\044\353\340\261\027\150
\323\257\141\275\331\205\170\366\215\272\170\312\067\215\143\276
\347\254\037\337\245\107\011\271\310\045\061\124\106\121\021\125
\015\211\134\215\332\322\030\055\163\362\270\325\047\365\110\042
\067\321\142\367\173\015\310\070\213\241\112\260\374\320\361\353
\267\206\143\347\340\016\163\177\375\162\121\265\351\175\342\125

\005\144\170\147\177\002\003\001\000\001\243\143\060\141\060\037
\006\003\125\035\043\004\030\060\026\200\024\315\327\220\241\156
\243\277\333\060\326\332\062\045\220\014\346\071\036\200\145\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206
\060\035\006\003\125\035\016\004\026\004\024\315\327\220\241\156
\243\277\333\060\326\332\062\045\220\014\346\071\036\200\145\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202
\002\001\000\176\026\210\350\023\016\066\314\156\052\205\007\070
\306\126\211\172\343\107\041\146\114\120\010\061\132\121\320\374
\246\136\024\165\336\114\073\354\361\355\314\176\021\007\112\141
\356\352\263\216\072\244\063\306\355\212\102\146\117\361\074\173
\311\245\005\101\231\261\354\054\133\356\334\226\322\210\123\113
\170\064\271\156\346\273\017\305\172\246\174\016\030\337\157\017
\164\114\321\251\361\241\351\330\124\144\314\136\226\170\242\126
\032\301\163\262\025\306\127\005\337\332\367\110\044\212\216\177
\152\251\371\115\351\076\152\316\140\054\175\055\220\010\366\143
\217\025\320\055\234\214\377\361\375\374\014\026\120\126\024\373
\272\227\206\356\264\111\003\124\356\033\131\177\060\072\002\202
\206\041\256\376\360\025\362\337\116\203\346\231\305\272\065\367
\040\220\214\070\355\165\317\341\056\367\004\060\373\121\255\216
\202\044\100\312\175\051\135\325\331\367\145\144\374\252\237\164
\270\175\222\135\322\204\051\340\023\352\212\367\320\253\304\256
\357\025\305\302\211\362\173\266\073\111\230\141\363\116\162\221
\067\214\111\222\351\310\354\052\240\367\111\156\174\015\044\306
\153\154\362\070\057\312\160\005\345\177\337\306\053\053\200\200
\325\332\157\313\100\273\330\033\360\044\311\020\310\104\002\176
\056\323\230\252\242\015\361\053\320\332\372\216\034\377\124\350
\341\112\156\335\250\326\170\265\067\245\254\144\325\024\043\307
\016\245\353\341\011\070\327\300\174\140\245\135\230\217\214\002
\325\334\126\250\363\115\130\251\013\324\174\144\164\001\062\362
\337\017\112\212\251\002\242\242\035\204\167\302\361\314\227\275
\064\031\164\135\342\164\076\165\047\367\257\277\356\174\016\155
\124\210\246\126\342\046\255\061\022\074\036\101\171\155\027\352
\023\136\037\365\134\237\111\131\243\262\057\243\102\303\372\250
\176\277\245\237\110\311\140\142\142\012\337\275\105\336\343\102
\265\121\226\375\304\365\032\231\270\122\242\104\315\055\141\214
\025\217\201\325\135\242\324\220\075\214\156\100\141\303\131\135
\330\331\341\366\164\107\042\171\164\175\332\312\243\157\067\025
\066\360\054\032\161\074\021\166\337\135\032\076\124\143\170\153
\145\176\037

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "TC TrustCenter Universal CA II"

```

# Issuer: CN=TC TrustCenter Universal CA II,OU=TC TrustCenter Universal CA,O=TC TrustCenter GmbH,C=DE
# Serial Number:19:33:00:01:00:02:28:1a:9a:04:bc:f2:55:45
# Subject: CN=TC TrustCenter Universal CA II,OU=TC TrustCenter Universal CA,O=TC TrustCenter
GmbH,C=DE
# Not Valid Before: Wed Mar 22 15:58:34 2006
# Not Valid After: Tue Dec 31 22:59:59 2030
# Fingerprint (MD5): a2:08:e4:b3:3e:ef:de:08:4b:60:d0:bf:79:52:49:8d
# Fingerprint (SHA1): 8c:c4:30:7b:c6:07:55:e7:b2:2d:d9:f7:fe:a2:45:93:6c:7c:f2:88
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TC TrustCenter Universal CA II"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\214\304\060\173\306\007\125\347\262\055\331\367\376\242\105\223
\154\174\362\210
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\242\010\344\263\076\357\336\010\113\140\320\277\171\122\111\215
END
CKA_ISSUER MULTILINE_OCTAL
\060\172\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\044\060
\042\006\003\125\004\013\023\033\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\125\156\151\166\145\162\163\141\154
\040\103\101\061\047\060\045\006\003\125\004\003\023\036\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\125\156\151
\166\145\162\163\141\154\040\103\101\040\111\111
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\016\031\063\000\001\000\002\050\032\232\004\274\362\125\105
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "TC TrustCenter Class 2 CA II"
# Issuer: CN=TC TrustCenter Class 2 CA II,OU=TC TrustCenter Class 2 CA,O=TC TrustCenter GmbH,C=DE
# Serial Number:2e:6a:00:01:00:02:1f:d7:52:21:2c:11:5c:3b
# Subject: CN=TC TrustCenter Class 2 CA II,OU=TC TrustCenter Class 2 CA,O=TC TrustCenter GmbH,C=DE
# Not Valid Before: Thu Jan 12 14:38:43 2006
# Not Valid After: Wed Dec 31 22:59:59 2025
# Fingerprint (MD5): ce:78:33:5c:59:78:01:6e:18:ea:b9:36:a0:b9:2e:23
# Fingerprint (SHA1): ae:50:83:ed:7c:f4:5c:bc:8f:61:c6:21:fe:68:5d:79:42:21:15:6e
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TC TrustCenter Class 2 CA II"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\166\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\042\060
\040\006\003\125\004\013\023\031\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\103\154\141\163\163\040\062\040\103
\101\061\045\060\043\006\003\125\004\003\023\034\124\103\040\124
\162\165\163\164\103\145\156\164\145\162\040\103\154\141\163\163
\040\062\040\103\101\040\111\111
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\166\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\042\060
\040\006\003\125\004\013\023\031\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\103\154\141\163\163\040\062\040\103
\101\061\045\060\043\006\003\125\004\003\023\034\124\103\040\124
\162\165\163\164\103\145\156\164\145\162\040\103\154\141\163\163
\040\062\040\103\101\040\111\111
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\016\056\152\000\001\000\002\037\327\122\041\054\021\134\073
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\252\060\202\003\222\240\003\002\001\002\002\016\056
\152\000\001\000\002\037\327\122\041\054\021\134\073\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\060\166\061\013
\060\011\006\003\125\004\006\023\002\104\105\061\034\060\032\006
\003\125\004\012\023\023\124\103\040\124\162\165\163\164\103\145
\156\164\145\162\040\107\155\142\110\061\042\060\040\006\003\125
\004\013\023\031\124\103\040\124\162\165\163\164\103\145\156\164
\145\162\040\103\154\141\163\163\040\062\040\103\101\061\045\060
\043\006\003\125\004\003\023\034\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\103\154\141\163\163\040\062\040\103
\101\040\111\111\060\036\027\015\060\066\060\061\061\062\061\064
\063\070\064\063\132\027\015\062\065\061\062\063\061\062\062\065
\071\065\071\132\060\166\061\013\060\011\006\003\125\004\006\023
\002\104\105\061\034\060\032\006\003\125\004\012\023\023\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\107\155\142
\110\061\042\060\040\006\003\125\004\013\023\031\124\103\040\124
\162\165\163\164\103\145\156\164\145\162\040\103\154\141\163\163
\040\062\040\103\101\061\045\060\043\006\003\125\004\003\023\034
```


\124\103\040\124\162\165\163\164\103\145\156\164\145\162\040\103
\154\141\163\163\040\062\040\103\101\040\111\111\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\253\200\207
\233\216\360\303\174\207\327\350\044\202\021\263\074\335\103\142
\356\370\303\105\332\350\341\240\137\321\052\262\352\223\150\337
\264\310\326\103\351\304\165\131\177\374\341\035\370\061\160\043
\033\210\236\047\271\173\375\072\322\311\251\351\024\057\220\276
\003\122\301\111\315\366\375\344\010\146\013\127\212\242\102\240
\270\325\177\151\134\220\062\262\227\015\312\112\334\106\076\002
\125\211\123\343\032\132\313\066\306\007\126\367\214\317\021\364
\114\273\060\160\004\225\245\366\071\214\375\163\201\010\175\211
\136\062\036\042\251\042\105\113\260\146\056\060\314\237\145\375
\374\313\201\251\361\340\073\257\243\206\321\211\352\304\105\171
\120\135\256\351\041\164\222\115\213\131\202\217\224\343\351\112
\361\347\111\260\024\343\365\142\313\325\162\275\037\271\322\237
\240\315\250\372\001\310\331\015\337\332\374\107\235\263\310\124
\337\111\112\361\041\251\376\030\116\356\110\324\031\273\357\175
\344\342\235\313\133\266\156\377\343\315\132\347\164\202\005\272
\200\045\070\313\344\151\236\257\101\252\032\204\365\002\003\001
\000\001\243\202\001\064\060\202\001\060\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125
\035\016\004\026\004\024\343\253\124\114\200\241\333\126\103\267
\221\112\313\363\202\172\023\134\010\253\060\201\355\006\003\125
\035\037\004\201\345\060\201\342\060\201\337\240\201\334\240\201
\331\206\065\150\164\164\160\072\057\057\167\167\167\056\164\162
\165\163\164\143\145\156\164\145\162\056\144\145\057\143\162\154
\057\166\062\057\164\143\137\143\154\141\163\163\137\062\137\143
\141\137\111\111\056\143\162\154\206\201\237\154\144\141\160\072
\057\057\167\167\167\056\164\162\165\163\164\143\145\156\164\145
\162\056\144\145\057\103\116\075\124\103\045\062\060\124\162\165
\163\164\103\145\156\164\145\162\045\062\060\103\154\141\163\163
\045\062\060\062\045\062\060\103\101\045\062\060\111\111\054\117
\075\124\103\045\062\060\124\162\165\163\164\103\145\156\164\145
\162\045\062\060\107\155\142\110\054\117\125\075\162\157\157\164
\143\145\162\164\163\054\104\103\075\164\162\165\163\164\143\145
\156\164\145\162\054\104\103\075\144\145\077\143\145\162\164\151
\146\151\143\141\164\145\122\145\166\157\143\141\164\151\157\156
\114\151\163\164\077\142\141\163\145\077\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\214\327
\337\176\356\033\200\020\263\203\365\333\021\352\153\113\250\222
\030\331\367\007\071\365\054\276\006\165\172\150\123\025\034\352
\112\355\136\374\043\262\023\240\323\011\377\366\366\056\153\101
\161\171\315\342\155\375\256\131\153\205\035\270\116\042\232\355
\146\071\156\113\224\346\125\374\013\033\213\167\301\123\023\146
\211\331\050\326\213\363\105\112\143\267\375\173\013\141\135\270
\155\276\303\334\133\171\322\355\206\345\242\115\276\136\164\174

```
\152\355\026\070\037\177\130\201\132\032\353\062\210\055\262\363
\071\167\200\257\136\266\141\165\051\333\043\115\210\312\120\050
\313\205\322\323\020\242\131\156\323\223\124\000\172\242\106\225
\206\005\234\251\031\230\345\061\162\014\000\342\147\331\100\340
\044\063\173\157\054\271\134\253\145\235\054\254\166\352\065\231
\365\227\271\017\044\354\307\166\041\050\145\256\127\350\007\210
\165\112\126\240\322\005\072\244\346\215\222\210\054\363\362\341
\301\306\141\333\101\305\307\233\367\016\032\121\105\302\141\153
\334\144\047\027\214\132\267\332\164\050\315\227\344\275
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "TC TrustCenter Class 2 CA II"
```

```
# Issuer: CN=TC TrustCenter Class 2 CA II,OU=TC TrustCenter Class 2 CA,O=TC TrustCenter GmbH,C=DE
```

```
# Serial Number:2e:6a:00:01:00:02:1f:d7:52:21:2c:11:5c:3b
```

```
# Subject: CN=TC TrustCenter Class 2 CA II,OU=TC TrustCenter Class 2 CA,O=TC TrustCenter GmbH,C=DE
```

```
# Not Valid Before: Thu Jan 12 14:38:43 2006
```

```
# Not Valid After: Wed Dec 31 22:59:59 2025
```

```
# Fingerprint (MD5): ce:78:33:5c:59:78:01:6e:18:ea:b9:36:a0:b9:2e:23
```

```
# Fingerprint (SHA1): ae:50:83:ed:7c:f4:5c:bc:8f:61:c6:21:fe:68:5d:79:42:21:15:6e
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TC TrustCenter Class 2 CA II"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\256\120\203\355\174\364\134\274\217\141\306\041\376\150\135\171
\102\041\025\156
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\316\170\063\134\131\170\001\156\030\352\271\066\240\271\056\043
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\166\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\042\060
\040\006\003\125\004\013\023\031\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\103\154\141\163\163\040\062\040\103
\101\061\045\060\043\006\003\125\004\003\023\034\124\103\040\124
\162\165\163\164\103\145\156\164\145\162\040\103\154\141\163\163
\040\062\040\103\101\040\111\111
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\016\056\152\000\001\000\002\037\327\122\041\054\021\134\073
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "TC TrustCenter Class 4 CA II"
Issuer: CN=TC TrustCenter Class 4 CA II,OU=TC TrustCenter Class 4 CA,O=TC TrustCenter GmbH,C=DE
Serial Number:05:c0:00:01:00:02:41:d0:06:0a:4d:ce:75:10
Subject: CN=TC TrustCenter Class 4 CA II,OU=TC TrustCenter Class 4 CA,O=TC TrustCenter GmbH,C=DE
Not Valid Before: Thu Mar 23 14:10:23 2006
Not Valid After: Wed Dec 31 22:59:59 2025
Fingerprint (MD5): 9d:fb:f9:ac:ed:89:33:22:f4:28:48:83:25:23:5b:e0
Fingerprint (SHA1): a6:9a:91:fd:05:7f:13:6a:42:63:0b:b1:76:0d:2d:51:12:0c:16:50

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TC TrustCenter Class 4 CA II"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\166\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\042\060
\040\006\003\125\004\013\023\031\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\103\154\141\163\163\040\064\040\103
\101\061\045\060\043\006\003\125\004\003\023\034\124\103\040\124
\162\165\163\164\103\145\156\164\145\162\040\103\154\141\163\163
\040\064\040\103\101\040\111\111

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\166\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\042\060
\040\006\003\125\004\013\023\031\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\103\154\141\163\163\040\064\040\103
\101\061\045\060\043\006\003\125\004\003\023\034\124\103\040\124
\162\165\163\164\103\145\156\164\145\162\040\103\154\141\163\163
\040\064\040\103\101\040\111\111

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\016\005\300\000\001\000\002\101\320\006\012\115\316\165\020

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\266\060\202\002\236\240\003\002\001\002\002\016\005
\300\000\001\000\002\101\320\006\012\115\316\165\020\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\060\166\061\013

\060\011\006\003\125\004\006\023\002\104\105\061\034\060\032\006
\003\125\004\012\023\023\124\103\040\124\162\165\163\164\103\145
\156\164\145\162\040\107\155\142\110\061\042\060\040\006\003\125
\004\013\023\031\124\103\040\124\162\165\163\164\103\145\156\164
\145\162\040\103\154\141\163\163\040\064\040\103\101\061\045\060
\043\006\003\125\004\003\023\034\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\103\154\141\163\163\040\064\040\103
\101\040\111\111\060\036\027\015\060\066\060\063\062\063\061\064
\061\060\062\063\132\027\015\062\065\061\062\063\061\062\062\065
\071\065\071\132\060\166\061\013\060\011\006\003\125\004\006\023
\002\104\105\061\034\060\032\006\003\125\004\012\023\023\124\103
\040\124\162\165\163\164\103\145\156\164\145\162\040\107\155\142
\110\061\042\060\040\006\003\125\004\013\023\031\124\103\040\124
\162\165\163\164\103\145\156\164\145\162\040\103\154\141\163\163
\040\064\040\103\101\061\045\060\043\006\003\125\004\003\023\034
\124\103\040\124\162\165\163\164\103\145\156\164\145\162\040\103
\154\141\163\163\040\064\040\103\101\040\111\111\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\265\315\114
\234\255\256\121\273\174\110\305\015\051\206\172\024\255\331\120
\075\011\162\040\015\024\266\143\306\376\130\236\340\041\136\363
\217\042\031\334\116\221\040\315\157\210\051\242\263\301\254\052
\162\272\213\124\270\100\137\362\252\370\103\206\302\060\134\314
\247\135\177\306\010\111\344\016\071\057\216\030\326\221\335\043
\026\171\200\333\154\110\035\274\301\337\050\020\143\321\201\343
\335\337\057\171\165\242\033\170\362\224\001\346\020\142\171\313
\240\175\002\300\064\202\173\307\300\255\035\114\327\152\226\166
\133\277\046\204\110\375\207\366\204\012\252\222\007\231\110\074
\141\274\116\205\130\307\227\055\375\201\112\241\306\233\022\365
\102\120\321\144\076\211\150\202\042\160\335\365\372\343\050\102
\057\116\062\363\263\243\066\212\152\326\142\134\254\372\001\155
\264\340\162\056\225\150\264\361\223\014\306\212\202\322\035\123
\352\174\340\077\102\267\022\132\270\315\332\245\006\147\313\241
\167\175\245\226\360\222\036\147\016\035\102\106\346\371\355\373
\107\123\177\127\004\106\037\106\137\307\256\340\217\002\003\001
\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026
\004\024\037\352\273\076\045\033\006\275\245\335\142\005\176\306
\114\132\277\350\017\103\060\015\006\011\052\206\110\206\367\015
\001\001\005\005\000\003\202\001\001\000\130\244\053\233\114\367
\344\244\222\244\234\145\230\031\142\042\374\162\062\351\004\135
\304\304\160\055\132\106\336\114\107\212\045\271\242\335\356\352
\022\257\110\215\357\053\147\333\073\314\064\230\052\367\010\107
\377\042\257\173\361\364\353\342\070\002\063\030\165\050\033\236
\166\145\254\210\003\162\362\070\107\035\214\365\237\012\210\123
\020\024\273\200\345\014\263\135\215\027\356\036\031\034\206\215
\024\147\170\214\222\313\036\041\111\367\177\323\030\277\234\171

```
\370\135\010\171\265\252\152\115\222\066\154\274\171\353\016\075
\171\212\330\366\243\126\160\135\336\333\117\171\322\172\322\225
\134\206\047\145\276\240\323\007\201\100\125\335\020\313\340\113
\210\202\300\220\175\070\347\277\226\341\227\272\232\253\102\017
\323\237\330\236\025\063\021\313\367\202\171\365\265\300\101\126
\222\341\337\125\003\255\110\317\323\362\056\261\307\055\126\114
\144\164\052\061\316\334\165\251\124\107\244\247\102\162\011\347
\341\002\246\107\262\004\315\102\023\341\141\014\340\170\072\042
\040\242\034\140\102\206\207\367\245\346
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "TC TrustCenter Class 4 CA II"
```

```
# Issuer: CN=TC TrustCenter Class 4 CA II,OU=TC TrustCenter Class 4 CA,O=TC TrustCenter GmbH,C=DE
```

```
# Serial Number:05:c0:00:01:00:02:41:d0:06:0a:4d:ce:75:10
```

```
# Subject: CN=TC TrustCenter Class 4 CA II,OU=TC TrustCenter Class 4 CA,O=TC TrustCenter GmbH,C=DE
```

```
# Not Valid Before: Thu Mar 23 14:10:23 2006
```

```
# Not Valid After: Wed Dec 31 22:59:59 2025
```

```
# Fingerprint (MD5): 9d:fb:f9:ac:ed:89:33:22:f4:28:48:83:25:23:5b:e0
```

```
# Fingerprint (SHA1): a6:9a:91:fd:05:7f:13:6a:42:63:0b:b1:76:0d:2d:51:12:0c:16:50
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TC TrustCenter Class 4 CA II"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\246\232\221\375\005\177\023\152\102\143\013\261\166\015\055\121
\022\014\026\120
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\235\373\371\254\355\211\063\042\364\050\110\203\045\043\133\340
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\166\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\034\060\032\006\003\125\004\012\023\023\124\103\040\124\162\165
\163\164\103\145\156\164\145\162\040\107\155\142\110\061\042\060
\040\006\003\125\004\013\023\031\124\103\040\124\162\165\163\164
\103\145\156\164\145\162\040\103\154\141\163\163\040\064\040\103
\101\061\045\060\043\006\003\125\004\003\023\034\124\103\040\124
\162\165\163\164\103\145\156\164\145\162\040\103\154\141\163\163
\040\064\040\103\101\040\111\111
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\016\005\300\000\001\000\002\101\320\006\012\115\316\165\020
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Swisscom Root CA 1"

Issuer: CN=Swisscom Root CA 1,OU=Digital Certificate Services,O=Swisscom,C=ch

Serial Number:5c:0b:85:5c:0b:e7:59:41:df:57:cc:3f:7f:9d:a8:36

Subject: CN=Swisscom Root CA 1,OU=Digital Certificate Services,O=Swisscom,C=ch

Not Valid Before: Thu Aug 18 12:06:20 2005

Not Valid After: Mon Aug 18 22:06:20 2025

Fingerprint (MD5): f8:38:7c:77:88:df:2c:16:68:2e:c2:e2:52:4b:b8:f9

Fingerprint (SHA1): 5f:3a:fc:0a:8b:64:f6:86:67:34:74:df:7e:a9:a2:fe:f9:fa:7a:51

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Swisscom Root CA 1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\144\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\021\060\017\006\003\125\004\012\023\010\123\167\151\163\163\143
\157\155\061\045\060\043\006\003\125\004\013\023\034\104\151\147
\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164\145
\040\123\145\162\166\151\143\145\163\061\033\060\031\006\003\125
\004\003\023\022\123\167\151\163\163\143\157\155\040\122\157\157
\164\040\103\101\040\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\144\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\021\060\017\006\003\125\004\012\023\010\123\167\151\163\163\143
\157\155\061\045\060\043\006\003\125\004\013\023\034\104\151\147
\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164\145
\040\123\145\162\166\151\143\145\163\061\033\060\031\006\003\125
\004\003\023\022\123\167\151\163\163\143\157\155\040\122\157\157
\164\040\103\101\040\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\134\013\205\134\013\347\131\101\337\127\314\077\177\235
\250\066

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\331\060\202\003\301\240\003\002\001\002\002\020\134
\013\205\134\013\347\131\101\337\127\314\077\177\235\250\066\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\144
\061\013\060\011\006\003\125\004\006\023\002\143\150\061\021\060

\017\006\003\125\004\012\023\010\123\167\151\163\163\143\157\155
\061\045\060\043\006\003\125\004\013\023\034\104\151\147\151\164
\141\154\040\103\145\162\164\151\146\151\143\141\164\145\040\123
\145\162\166\151\143\145\163\061\033\060\031\006\003\125\004\003
\023\022\123\167\151\163\163\143\157\155\040\122\157\157\164\040
\103\101\040\061\060\036\027\015\060\065\060\070\061\070\061\062
\060\066\062\060\132\027\015\062\065\060\070\061\070\062\062\060
\066\062\060\132\060\144\061\013\060\011\006\003\125\004\006\023
\002\143\150\061\021\060\017\006\003\125\004\012\023\010\123\167
\151\163\163\143\157\155\061\045\060\043\006\003\125\004\013\023
\034\104\151\147\151\164\141\154\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163\061\033\060
\031\006\003\125\004\003\023\022\123\167\151\163\163\143\157\155
\040\122\157\157\164\040\103\101\040\061\060\202\002\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002
\017\000\060\202\002\012\002\202\002\001\000\320\271\260\250\014
\331\273\077\041\370\033\325\063\223\200\026\145\040\165\262\075
\233\140\155\106\310\214\061\157\027\303\372\232\154\126\355\074
\305\221\127\303\315\253\226\111\220\052\031\113\036\243\155\127
\335\361\053\142\050\165\105\136\252\326\133\372\013\045\330\241
\026\371\034\304\056\346\225\052\147\314\320\051\156\074\205\064
\070\141\111\261\000\237\326\072\161\137\115\155\316\137\271\251
\344\211\177\152\122\372\312\233\362\334\251\371\235\231\107\077
\116\051\137\264\246\215\135\173\013\231\021\003\003\376\347\333
\333\243\377\035\245\315\220\036\001\037\065\260\177\000\333\220
\157\306\176\173\321\356\172\172\247\252\014\127\157\244\155\305
\023\073\260\245\331\355\062\034\264\136\147\213\124\334\163\207
\345\323\027\174\146\120\162\135\324\032\130\301\331\317\330\211
\002\157\247\111\264\066\135\320\244\336\007\054\266\165\267\050
\221\326\227\276\050\365\230\036\352\133\046\311\275\260\227\163
\332\256\221\046\353\150\301\371\071\025\326\147\113\012\155\117
\313\317\260\344\102\161\214\123\171\347\356\341\333\035\240\156
\035\214\032\167\065\134\026\036\053\123\037\064\213\321\154\374
\362\147\007\172\365\255\355\326\232\253\241\261\113\341\314\067
\137\375\177\315\115\256\270\037\234\103\371\052\130\125\103\105
\274\226\315\160\016\374\311\343\146\272\116\215\073\201\313\025
\144\173\271\224\350\135\063\122\205\161\056\117\216\242\006\021
\121\311\343\313\241\156\061\010\144\014\302\322\074\365\066\350
\327\320\016\170\043\040\221\311\044\052\145\051\133\042\367\041
\316\203\136\244\363\336\113\323\150\217\106\165\134\203\011\156
\051\153\304\160\214\365\235\327\040\057\377\106\322\053\070\302
\057\165\034\075\176\332\245\357\036\140\205\151\102\323\314\370
\143\376\036\103\071\205\246\266\143\101\020\263\163\036\274\323
\372\312\175\026\107\342\247\325\320\243\212\012\010\226\142\126
\156\064\333\331\002\271\060\165\343\004\322\347\217\302\260\021
\100\012\254\325\161\002\142\213\061\276\335\306\043\130\061\102
\103\055\164\371\306\236\246\212\017\351\376\277\203\346\103\127
\044\272\357\106\064\252\327\022\001\070\355\002\003\001\000\001

\243\201\206\060\201\203\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\035\006\003\125\035\041\004\026\060
\024\060\022\006\007\140\205\164\001\123\000\001\006\007\140\205
\164\001\123\000\001\060\022\006\003\125\035\023\001\001\377\004
\010\060\006\001\001\377\002\001\007\060\037\006\003\125\035\043
\004\030\060\026\200\024\003\045\057\336\157\202\001\072\134\054
\334\053\241\151\265\147\324\214\323\375\060\035\006\003\125\035
\016\004\026\004\024\003\045\057\336\157\202\001\072\134\054\334
\053\241\151\265\147\324\214\323\375\060\015\006\011\052\206\110
\206\367\015\001\001\005\005\000\003\202\002\001\000\065\020\313
\354\246\004\015\015\017\315\300\333\253\250\362\210\227\014\337
\223\057\115\174\100\126\061\172\353\244\017\140\315\172\363\276
\303\047\216\003\076\244\335\022\357\176\036\164\006\074\077\061
\362\034\173\221\061\041\264\360\320\154\227\324\351\227\262\044
\126\036\126\303\065\275\210\005\017\133\020\032\144\341\307\202
\060\371\062\255\236\120\054\347\170\005\320\061\261\132\230\212
\165\116\220\134\152\024\052\340\122\107\202\140\346\036\332\201
\261\373\024\013\132\361\237\322\225\272\076\320\033\326\025\035
\243\276\206\325\333\017\300\111\144\273\056\120\031\113\322\044
\370\335\036\007\126\320\070\240\225\160\040\166\214\327\335\036
\336\237\161\304\043\357\203\023\134\243\044\025\115\051\100\074
\152\304\251\330\267\246\104\245\015\364\340\235\167\036\100\160
\046\374\332\331\066\344\171\344\265\077\274\233\145\276\273\021
\226\317\333\306\050\071\072\010\316\107\133\123\132\305\231\376
\135\251\335\357\114\324\306\245\255\002\346\214\007\022\036\157
\003\321\157\240\243\363\051\275\022\307\120\242\260\177\210\251
\231\167\232\261\300\245\071\056\134\174\151\342\054\260\352\067
\152\244\341\132\341\365\120\345\203\357\245\273\052\210\347\214
\333\375\155\136\227\031\250\176\146\165\153\161\352\277\261\307
\157\240\364\216\244\354\064\121\133\214\046\003\160\241\167\325
\001\022\127\000\065\333\043\336\016\212\050\231\375\261\020\157
\113\377\070\055\140\116\054\234\353\147\265\255\111\356\113\037
\254\257\373\015\220\132\146\140\160\135\252\315\170\324\044\356
\310\101\240\223\001\222\234\152\236\374\271\044\305\263\025\202
\176\276\256\225\053\353\261\300\332\343\001\140\013\136\151\254
\204\126\141\276\161\027\376\035\023\017\376\306\207\105\351\376
\062\240\032\015\023\244\224\125\161\245\026\213\272\312\211\260
\262\307\374\217\330\124\265\223\142\235\316\317\131\373\075\030
\316\052\313\065\025\202\135\377\124\042\133\161\122\373\267\311
\376\140\233\000\101\144\360\252\052\354\266\102\103\316\211\146
\201\310\213\237\071\124\003\045\323\026\065\216\204\320\137\372
\060\032\365\232\154\364\016\123\371\072\133\321\034

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate


```

# Trust for "Swisscom Root CA 1"
# Issuer: CN=Swisscom Root CA 1,OU=Digital Certificate Services,O=Swisscom,C=ch
# Serial Number:5c:0b:85:5c:0b:e7:59:41:df:57:cc:3f:7f:9d:a8:36
# Subject: CN=Swisscom Root CA 1,OU=Digital Certificate Services,O=Swisscom,C=ch
# Not Valid Before: Thu Aug 18 12:06:20 2005
# Not Valid After: Mon Aug 18 22:06:20 2025
# Fingerprint (MD5): f8:38:7c:77:88:df:2c:16:68:2e:c2:e2:52:4b:b8:f9
# Fingerprint (SHA1): 5f:3a:fc:0a:8b:64:f6:86:67:34:74:df:7e:a9:a2:fe:f9:fa:7a:51
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Swisscom Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\072\374\012\213\144\366\206\147\064\164\337\176\251\242\376
\371\372\172\121
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\070\174\167\210\337\054\026\150\056\302\342\122\113\270\371
END
CKA_ISSUER MULTILINE_OCTAL
\060\144\061\013\060\011\006\003\125\004\006\023\002\143\150\061
\021\060\017\006\003\125\004\012\023\010\123\167\151\163\163\143
\157\155\061\045\060\043\006\003\125\004\013\023\034\104\151\147
\151\164\141\154\040\103\145\162\164\151\146\151\143\141\164\145
\040\123\145\162\166\151\143\145\163\061\033\060\031\006\003\125
\004\003\023\022\123\167\151\163\163\143\157\155\040\122\157\157
\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\134\013\205\134\013\347\131\101\337\127\314\077\177\235
\250\066
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Microsec e-Szigno Root CA"
# Issuer: CN=Microsec e-Szigno Root CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:cc:b8:e7:bf:4e:29:1a:fd:a2:dc:66:a5:1c:2c:0f:11
# Subject: CN=Microsec e-Szigno Root CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Wed Apr 06 12:28:44 2005
# Not Valid After: Thu Apr 06 12:28:44 2017
# Fingerprint (MD5): f0:96:b6:2f:c5:10:d5:67:8e:83:25:32:e8:5e:2e:e5
# Fingerprint (SHA1): 23:88:c9:d3:71:cc:9e:96:3d:ff:7d:3c:a7:ce:fc:d6:25:ec:19:0d
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsec e-Szigno Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\162\061\013\060\011\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\023\010\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\125\004\012\023\015\115\151\143
\162\157\163\145\143\040\114\164\144\056\061\024\060\022\006\003
\125\004\013\023\013\145\055\123\172\151\147\156\157\040\103\101
\061\042\060\040\006\003\125\004\003\023\031\115\151\143\162\157
\163\145\143\040\145\055\123\172\151\147\156\157\040\122\157\157
\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\162\061\013\060\011\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\023\010\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\125\004\012\023\015\115\151\143
\162\157\163\145\143\040\114\164\144\056\061\024\060\022\006\003
\125\004\013\023\013\145\055\123\172\151\147\156\157\040\103\101
\061\042\060\040\006\003\125\004\003\023\031\115\151\143\162\157
\163\145\143\040\145\055\123\172\151\147\156\157\040\122\157\157
\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\314\270\347\277\116\051\032\375\242\334\146\245\034
\054\017\021
END
CKA_VALUE MULTILINE_OCTAL
\060\202\007\250\060\202\006\220\240\003\002\001\002\002\021\000
\314\270\347\277\116\051\032\375\242\334\146\245\034\054\017\021
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\162\061\013\060\011\006\003\125\004\006\023\002\110\125\061\021
\060\017\006\003\125\004\007\023\010\102\165\144\141\160\145\163
\164\061\026\060\024\006\003\125\004\012\023\015\115\151\143\162
\157\163\145\143\040\114\164\144\056\061\024\060\022\006\003\125
\004\013\023\013\145\055\123\172\151\147\156\157\040\103\101\061
\042\060\040\006\003\125\004\003\023\031\115\151\143\162\157\163
\145\143\040\145\055\123\172\151\147\156\157\040\122\157\157\164
\040\103\101\060\036\027\015\060\065\060\064\060\066\061\062\062\070
\070\064\064\132\027\015\061\067\060\064\060\066\061\062\062\070
\064\064\132\060\162\061\013\060\011\006\003\125\004\006\023\002
\110\125\061\021\060\017\006\003\125\004\007\023\010\102\165\144
\141\160\145\163\164\061\026\060\024\006\003\125\004\012\023\015
\115\151\143\162\157\163\145\143\040\114\164\144\056\061\024\060
\022\006\003\125\004\013\023\013\145\055\123\172\151\147\156\157
```

\040\103\101\061\042\060\040\006\003\125\004\003\023\031\115\151
\143\162\157\163\145\143\040\145\055\123\172\151\147\156\157\040
\122\157\157\164\040\103\101\060\202\001\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060
\202\001\012\002\202\001\001\000\355\310\000\325\201\173\315\070
\000\107\314\333\204\301\041\151\054\164\220\014\041\331\123\207
\355\076\103\104\123\257\253\370\200\233\074\170\215\324\215\256
\270\357\323\021\334\201\346\317\073\226\214\326\157\025\306\167
\176\241\057\340\137\222\266\047\327\166\232\035\103\074\352\331
\354\057\356\071\363\152\147\113\213\202\317\042\370\145\125\376
\054\313\057\175\110\172\075\165\371\252\240\047\273\170\302\006
\312\121\302\176\146\113\257\315\242\247\115\002\202\077\202\254
\205\306\341\017\220\107\231\224\012\161\162\223\052\311\246\300
\276\074\126\114\163\222\047\361\153\265\365\375\374\060\005\140
\222\306\353\226\176\001\221\302\151\261\036\035\173\123\105\270
\334\101\037\311\213\161\326\124\024\343\213\124\170\077\276\364
\142\073\133\365\243\354\325\222\164\342\164\060\357\001\333\341
\324\253\231\233\052\153\370\275\246\034\206\043\102\137\354\111
\336\232\213\133\364\162\072\100\305\111\076\245\276\216\252\161
\353\154\372\365\032\344\152\375\173\175\125\100\357\130\156\346
\331\325\274\044\253\301\357\267\002\003\001\000\001\243\202\004
\067\060\202\004\063\060\147\006\010\053\006\001\005\005\007\001
\001\004\133\060\131\060\050\006\010\053\006\001\005\005\007\060
\001\206\034\150\164\164\160\163\072\057\057\162\143\141\056\145
\055\163\172\151\147\156\157\056\150\165\057\157\143\163\160\060
\055\006\010\053\006\001\005\005\007\060\002\206\041\150\164\164
\160\072\057\057\167\167\167\056\145\055\163\172\151\147\156\157
\056\150\165\057\122\157\157\164\103\101\056\143\162\164\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\202\001\163\006\003\125\035\040\004\202\001\152\060\202\001\146
\060\202\001\142\006\014\053\006\001\004\001\201\250\030\002\001
\001\001\060\202\001\120\060\050\006\010\053\006\001\005\005\007
\002\001\026\034\150\164\164\160\072\057\057\167\167\167\056\145
\055\163\172\151\147\156\157\056\150\165\057\123\132\123\132\057
\060\202\001\042\006\010\053\006\001\005\005\007\002\002\060\202
\001\024\036\202\001\020\000\101\000\040\000\164\000\141\000\156
\000\372\000\163\000\355\000\164\000\166\000\341\000\156\000\171
\000\040\000\351\000\162\000\164\000\145\000\154\000\155\000\145
\000\172\000\351\000\163\000\351\000\150\000\145\000\172\000\040
\000\351\000\163\000\040\000\145\000\154\000\146\000\157\000\147
\000\141\000\144\000\341\000\163\000\341\000\150\000\157\000\172
\000\040\000\141\000\040\000\123\000\172\000\157\000\154\000\147
\000\341\000\154\000\164\000\141\000\164\000\363\000\040\000\123
\000\172\000\157\000\154\000\147\000\341\000\154\000\164\000\141
\000\164\000\341\000\163\000\151\000\040\000\123\000\172\000\141
\000\142\000\341\000\154\000\171\000\172\000\141\000\164\000\141
\000\040\000\163\000\172\000\145\000\162\000\151\000\156\000\164
\000\040\000\153\000\145\000\154\000\154\000\040\000\145\000\154

\000\152\000\341\000\162\000\156\000\151\000\072\000\040\000\150
\000\164\000\164\000\160\000\072\000\057\000\057\000\167\000\167
\000\167\000\056\000\145\000\055\000\163\000\172\000\151\000\147
\000\156\000\157\000\056\000\150\000\165\000\057\000\123\000\132
\000\123\000\132\000\057\060\201\310\006\003\125\035\037\004\201
\300\060\201\275\060\201\272\240\201\267\240\201\264\206\041\150
\164\164\160\072\057\057\167\167\167\056\145\055\163\172\151\147
\156\157\056\150\165\057\122\157\157\164\103\101\056\143\162\154
\206\201\216\154\144\141\160\072\057\057\154\144\141\160\056\145
\055\163\172\151\147\156\157\056\150\165\057\103\116\075\115\151
\143\162\157\163\145\143\045\062\060\145\055\123\172\151\147\156
\157\045\062\060\122\157\157\164\045\062\060\103\101\054\117\125
\075\145\055\123\172\151\147\156\157\045\062\060\103\101\054\117
\075\115\151\143\162\157\163\145\143\045\062\060\114\164\144\056
\054\114\075\102\165\144\141\160\145\163\164\054\103\075\110\125
\077\143\145\162\164\151\146\151\143\141\164\145\122\145\166\157
\143\141\164\151\157\156\114\151\163\164\073\142\151\156\141\162
\171\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\201\226\006\003\125\035\021\004\201\216\060\201\213\201
\020\151\156\146\157\100\145\055\163\172\151\147\156\157\056\150
\165\244\167\060\165\061\043\060\041\006\003\125\004\003\014\032
\115\151\143\162\157\163\145\143\040\145\055\123\172\151\147\156
\303\263\040\122\157\157\164\040\103\101\061\026\060\024\006\003
\125\004\013\014\015\145\055\123\172\151\147\156\303\263\040\110
\123\132\061\026\060\024\006\003\125\004\012\023\015\115\151\143
\162\157\163\145\143\040\113\146\164\056\061\021\060\017\006\003
\125\004\007\023\010\102\165\144\141\160\145\163\164\061\013\060
\011\006\003\125\004\006\023\002\110\125\060\201\254\006\003\125
\035\043\004\201\244\060\201\241\200\024\307\240\111\165\026\141
\204\333\061\113\204\322\361\067\100\220\357\116\334\367\241\166
\244\164\060\162\061\013\060\011\006\003\125\004\006\023\002\110
\125\061\021\060\017\006\003\125\004\007\023\010\102\165\144\141
\160\145\163\164\061\026\060\024\006\003\125\004\012\023\015\115
\151\143\162\157\163\145\143\040\114\164\144\056\061\024\060\022
\006\003\125\004\013\023\013\145\055\123\172\151\147\156\157\040
\103\101\061\042\060\040\006\003\125\004\003\023\031\115\151\143
\162\157\163\145\143\040\145\055\123\172\151\147\156\157\040\122
\157\157\164\040\103\101\202\021\000\314\270\347\277\116\051\032
\375\242\334\146\245\034\054\017\021\060\035\006\003\125\035\016
\004\026\004\024\307\240\111\165\026\141\204\333\061\113\204\322
\361\067\100\220\357\116\334\367\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\003\202\001\001\000\323\023\234\146
\143\131\056\312\134\160\014\374\203\274\125\261\364\216\007\154
\146\047\316\301\073\040\251\034\273\106\124\160\356\132\314\240
\167\352\150\104\047\353\362\051\335\167\251\325\373\343\324\247
\004\304\225\270\013\341\104\150\140\007\103\060\061\102\141\345
\356\331\345\044\325\033\337\341\112\033\252\237\307\137\370\172
\021\352\023\223\000\312\212\130\261\356\355\016\115\264\327\250

```
\066\046\174\340\072\301\325\127\202\361\165\266\375\211\137\332
\363\250\070\237\065\006\010\316\042\225\276\315\325\374\276\133
\336\171\153\334\172\251\145\146\276\261\045\132\137\355\176\323
\254\106\155\114\364\062\207\264\040\004\340\154\170\260\167\321
\205\106\113\246\022\267\165\350\112\311\126\154\327\222\253\235
\365\111\070\322\117\123\343\125\220\021\333\230\226\306\111\362
\076\364\237\033\340\367\210\334\045\142\231\104\330\163\277\077
\060\363\014\067\076\324\302\050\200\163\261\001\267\235\132\226
\024\001\113\251\021\235\051\152\056\320\135\201\300\317\262\040
\103\307\003\340\067\116\135\012\334\131\040\045
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Microsec e-Szigno Root CA"
# Issuer: CN=Microsec e-Szigno Root CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:cc:b8:e7:bf:4e:29:1a:fd:a2:dc:66:a5:1c:2c:0f:11
# Subject: CN=Microsec e-Szigno Root CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Wed Apr 06 12:28:44 2005
# Not Valid After: Thu Apr 06 12:28:44 2017
# Fingerprint (MD5): f0:96:b6:2f:c5:10:d5:67:8e:83:25:32:e8:5e:2e:e5
# Fingerprint (SHA1): 23:88:c9:d3:71:cc:9e:96:3d:ff:7d:3c:a7:ce:fc:d6:25:ec:19:0d
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsec e-Szigno Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\043\210\311\323\161\314\236\226\075\377\175\074\247\316\374\326
\045\354\031\015
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\360\226\266\057\305\020\325\147\216\203\045\062\350\136\056\345
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\162\061\013\060\011\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\023\010\102\165\144\141\160\145
\163\164\061\026\060\024\006\003\125\004\012\023\015\115\151\143
\162\157\163\145\143\040\114\164\144\056\061\024\060\022\006\003
\125\004\013\023\013\145\055\123\172\151\147\156\157\040\103\101
\061\042\060\040\006\003\125\004\003\023\031\115\151\143\162\157
\163\145\143\040\145\055\123\172\151\147\156\157\040\122\157\157
\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\314\270\347\277\116\051\032\375\242\334\146\245\034
```

```
\054\017\021
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "LGPKI"
# Issuer: OU=Application CA G2,O=LGPKI,C=JP
# Serial Number: 49 (0x31)
# Subject: OU=Application CA G2,O=LGPKI,C=JP
# Not Valid Before: Fri Mar 31 15:00:00 2006
# Not Valid After: Thu Mar 31 14:59:59 2016
# Fingerprint (MD5): f3:d7:52:a8:75:fd:18:ec:e1:7d:35:b1:70:6e:a5:9c
# Fingerprint (SHA1): 96:83:38:f1:13:e3:6a:7b:ab:dd:08:f7:77:63:91:a6:87:36:58:2e
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "LGPKI"
```

```
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\016\060\014\006\003\125\004\012\023\005\114\107\120\113\111\061
\032\060\030\006\003\125\004\013\023\021\101\160\160\154\151\143
\141\164\151\157\156\040\103\101\040\107\062
```

```
END
```

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\016\060\014\006\003\125\004\012\023\005\114\107\120\113\111\061
\032\060\030\006\003\125\004\013\023\021\101\160\160\154\151\143
\141\164\151\157\156\040\103\101\040\107\062
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\061
```

```
END
```

```
CKA_VALUE MULTILINE_OCTAL
\060\202\003\240\060\202\002\210\240\003\002\001\002\002\001\061
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\071\061\013\060\011\006\003\125\004\006\023\002\112\120\061\016
\060\014\006\003\125\004\012\023\005\114\107\120\113\111\061\032
\060\030\006\003\125\004\013\023\021\101\160\160\154\151\143\141
\164\151\157\156\040\103\101\040\107\062\060\036\027\015\060\066
\060\063\063\061\061\065\060\060\060\060\132\027\015\061\066\060
\063\063\061\061\064\065\071\065\071\132\060\071\061\013\060\011
\006\003\125\004\006\023\002\112\120\061\016\060\014\006\003\125
```

\004\012\023\005\114\107\120\113\111\061\032\060\030\006\003\125
\004\013\023\021\101\160\160\154\151\143\141\164\151\157\156\040
\103\101\040\107\062\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\271\065\306\020\370\333\150\333\007\304
\100\114\260\035\036\066\334\303\101\366\317\125\025\155\010\177
\134\306\150\125\345\347\127\361\226\121\346\341\115\170\017\156
\100\025\160\073\145\376\021\337\347\323\326\130\065\073\341\237
\002\374\224\122\106\056\263\236\140\233\002\236\311\202\322\366
\343\256\011\117\204\104\266\142\233\000\121\150\270\072\255\354
\144\321\062\113\351\224\104\203\264\016\316\041\211\153\260\066
\300\230\306\113\234\302\076\133\140\052\011\061\053\055\253\114
\336\261\240\375\130\126\302\203\035\040\274\304\204\011\207\173
\250\225\227\306\045\216\203\340\076\223\015\321\307\175\163\251
\250\374\031\000\100\056\042\270\172\063\101\365\170\375\132\161
\347\202\331\110\210\134\354\250\205\207\055\155\200\211\147\032
\151\276\020\300\132\216\355\210\175\076\157\054\070\153\067\316
\107\330\242\061\060\336\176\123\145\154\213\206\123\101\040\154
\275\110\245\176\257\000\132\126\022\130\201\321\334\211\131\371
\265\356\370\115\232\330\104\051\213\171\247\367\042\252\352\174
\134\264\026\210\040\015\002\003\001\000\001\243\201\262\060\201
\257\060\035\006\003\125\035\016\004\026\004\024\177\270\135\216
\304\030\153\306\175\314\056\351\256\316\064\347\027\135\340\241
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\114\006\003\125\035\037\004\105\060\103\060\101\240\077\240
\075\244\073\060\071\061\013\060\011\006\003\125\004\006\023\002
\112\120\061\016\060\014\006\003\125\004\012\023\005\114\107\120
\113\111\061\032\060\030\006\003\125\004\013\023\021\101\160\160
\154\151\143\141\164\151\157\156\040\103\101\040\107\062\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\037\006\003\125\035\043\004\030\060\026\200\024\177\270\135\216
\304\030\153\306\175\314\056\351\256\316\064\347\027\135\340\241
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\001\001\000\074\330\163\066\100\006\110\112\124\031\365\047
\110\071\045\245\156\102\347\266\315\033\313\071\064\267\233\354
\117\052\276\167\344\312\204\374\035\353\233\042\100\325\364\373
\150\207\162\374\107\135\152\016\122\112\343\265\135\110\306\042
\226\346\063\155\155\253\366\315\327\313\044\132\214\250\105\236
\076\141\202\175\224\325\005\360\032\065\137\161\057\056\124\265
\101\005\357\206\015\122\357\234\230\033\361\054\114\072\321\363
\206\323\214\076\172\057\206\105\216\203\062\046\133\277\123\312
\016\121\126\334\232\302\132\060\031\015\247\236\325\252\233\040
\071\151\170\041\364\227\155\321\016\021\114\056\323\033\132\260
\371\227\170\134\052\217\122\145\356\114\102\045\302\067\060\016
\155\053\065\224\203\006\350\257\105\073\004\146\247\060\273\371
\340\041\073\143\156\175\104\135\072\152\123\357\021\027\044\375
\124\262\132\154\163\126\041\311\154\055\227\244\102\263\047\141
\005\041\143\155\352\050\274\117\032\157\102\334\230\253\125\323

\036\033\300\222\077\233\301\346\073\027\126\342\304\230\103\045
\356\266\313\000

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "LGPKI"

Issuer: OU=Application CA G2,O=LGPKI,C=JP

Serial Number: 49 (0x31)

Subject: OU=Application CA G2,O=LGPKI,C=JP

Not Valid Before: Fri Mar 31 15:00:00 2006

Not Valid After: Thu Mar 31 14:59:59 2016

Fingerprint (MD5): f3:d7:52:a8:75:fd:18:ec:e1:7d:35:b1:70:6e:a5:9c

Fingerprint (SHA1): 96:83:38:f1:13:e3:6a:7b:ab:dd:08:f7:77:63:91:a6:87:36:58:2e

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "LGPKI"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\226\203\070\361\023\343\152\173\253\335\010\367\167\143\221\246
\207\066\130\056

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\363\327\122\250\165\375\030\354\341\175\065\261\160\156\245\234
END

CKA_ISSUER MULTILINE_OCTAL

\060\071\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\016\060\014\006\003\125\004\012\023\005\114\107\120\113\111\061
\032\060\030\006\003\125\004\013\023\021\101\160\160\154\151\143
\141\164\151\157\156\040\103\101\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\061

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "AC RAIZ DNIE"

Issuer: CN=AC RAIZ DNIE,OU=DNIE,O=DIRECCION GENERAL DE LA POLICIA,C=ES

Serial Number:d2:85:70:fd:ae:a7:d6:5f:11:84:15:c6:31:b5:cb

Subject: CN=AC RAIZ DNIE,OU=DNIE,O=DIRECCION GENERAL DE LA POLICIA,C=ES

Not Valid Before: Thu Feb 16 10:37:25 2006


```
# Not Valid After: Fri Feb 08 22:59:59 2036
# Fingerprint (MD5): 15:5e:f5:11:7a:a2:c1:15:0e:92:7e:66:fe:3b:84:c3
# Fingerprint (SHA1): b3:8f:ec:ec:0b:14:8a:a6:86:c3:d0:0f:01:ec:c8:84:8e:80:85:eb
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ DNIE"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\050\060\046\006\003\125\004\012\014\037\104\111\122\105\103\103
\111\117\116\040\107\105\116\105\122\101\114\040\104\105\040\114
\101\040\120\117\114\111\103\111\101\061\015\060\013\006\003\125
\004\013\014\004\104\116\111\105\061\025\060\023\006\003\125\004
\003\014\014\101\103\040\122\101\111\132\040\104\116\111\105
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\050\060\046\006\003\125\004\012\014\037\104\111\122\105\103\103
\111\117\116\040\107\105\116\105\122\101\114\040\104\105\040\114
\101\040\120\117\114\111\103\111\101\061\015\060\013\006\003\125
\004\013\014\004\104\116\111\105\061\025\060\023\006\003\125\004
\003\014\014\101\103\040\122\101\111\132\040\104\116\111\105
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\322\205\160\375\256\247\326\137\021\204\025\306\061
\265\313
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\277\060\202\003\247\240\003\002\001\002\002\020\000
\322\205\160\375\256\247\326\137\021\204\025\306\061\265\313\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\135
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\050\060
\046\006\003\125\004\012\014\037\104\111\122\105\103\103\111\117
\116\040\107\105\116\105\122\101\114\040\104\105\040\114\101\040
\120\117\114\111\103\111\101\061\015\060\013\006\003\125\004\013
\014\004\104\116\111\105\061\025\060\023\006\003\125\004\003\014
\014\101\103\040\122\101\111\132\040\104\116\111\105\060\036\027
\015\060\066\060\062\061\066\061\060\063\067\062\065\132\027\015
\063\066\060\062\060\070\062\062\065\071\065\071\132\060\135\061
\013\060\011\006\003\125\004\006\023\002\105\123\061\050\060\046
\006\003\125\004\012\014\037\104\111\122\105\103\103\111\117\116
\040\107\105\116\105\122\101\114\040\104\105\040\114\101\040\120
\117\114\111\103\111\101\061\015\060\013\006\003\125\004\013\014
\004\104\116\111\105\061\025\060\023\006\003\125\004\003\014\014
\101\103\040\122\101\111\132\040\104\116\111\105\060\202\002\042
```

\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\200\000\255
\014\303\243\040\007\243\143\377\367\064\240\315\356\152\124\010
\027\135\261\001\025\247\346\271\137\212\161\377\014\302\035\352
\067\363\336\223\177\326\005\115\204\262\325\327\034\014\364\304
\221\160\100\016\132\310\230\244\200\350\015\063\300\007\363\267
\365\254\241\070\172\300\146\124\044\374\122\314\060\052\362\303
\304\241\054\166\277\301\300\277\202\361\233\360\150\172\023\100
\310\227\274\034\045\007\010\012\267\226\357\314\051\124\340\346
\145\055\352\262\056\261\011\151\022\116\060\325\330\370\274\000
\200\057\115\223\017\315\056\127\033\063\273\237\060\116\304\245
\313\171\247\373\342\064\030\266\040\236\033\237\135\247\311\072
\255\105\144\263\030\316\021\022\234\155\036\125\105\050\204\234
\127\147\115\371\313\342\213\217\130\011\324\071\377\310\066\322
\070\342\014\145\177\025\016\175\301\007\335\251\042\337\221\000
\304\154\161\064\164\334\071\352\352\117\104\151\177\130\333\130
\012\122\161\053\354\251\035\120\164\063\371\051\152\372\376\231
\364\347\314\105\105\155\312\132\045\242\022\343\316\327\070\005
\071\360\032\011\365\166\131\316\142\157\172\064\015\054\321\274
\004\022\354\075\123\310\372\320\002\313\316\075\041\265\305\340
\071\063\145\317\071\123\311\233\106\371\235\063\363\131\200\010
\101\276\157\113\240\372\112\316\244\166\034\205\342\257\257\024
\235\145\254\367\177\227\344\063\111\246\257\276\316\053\067\361
\056\301\163\005\234\234\140\114\235\060\015\227\124\236\201\142
\273\347\340\057\367\024\007\024\251\167\221\351\334\221\225\216
\323\210\220\063\107\157\161\303\024\151\372\246\055\001\036\033
\352\323\056\342\177\013\334\317\347\042\360\361\101\243\001\222
\345\200\323\276\251\142\250\125\210\013\064\064\354\334\041\025
\252\357\326\042\136\211\365\121\222\023\052\157\200\026\331\261
\015\331\056\370\020\270\302\376\122\105\063\234\035\070\174\334
\025\151\064\163\277\240\054\273\021\173\224\315\370\067\055\157
\075\357\203\132\306\036\233\164\111\217\331\302\215\276\026\166
\120\310\132\321\045\026\366\366\314\214\234\132\060\236\145\276
\320\232\110\223\327\372\150\015\165\061\207\371\367\002\003\001
\000\001\243\173\060\171\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026
\004\024\216\105\364\237\163\305\377\057\033\005\333\001\107\140
\033\003\212\201\267\272\060\067\006\003\125\035\040\004\060\060
\056\060\054\006\004\125\035\040\000\060\044\060\042\006\010\053
\006\001\005\005\007\002\001\026\026\150\164\164\160\072\057\057
\167\167\167\056\144\156\151\145\056\145\163\057\144\160\143\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202
\002\001\000\165\345\163\311\121\121\057\213\031\240\207\351\377
\256\066\066\246\374\101\037\343\036\327\161\140\031\306\157\232
\002\060\275\142\161\255\163\376\221\055\116\344\046\100\104\251
\256\170\046\043\061\151\334\232\163\226\036\111\121\013\340\357
\301\270\103\357\161\234\356\101\267\305\120\037\062\204\236\042

\206\361\367\037\217\331\255\053\116\332\227\050\227\273\226\232
\032\370\261\331\172\004\363\124\231\022\031\226\025\200\147\071
\377\002\137\172\374\125\102\120\132\346\271\242\377\270\250\142
\036\024\315\331\077\276\243\145\110\305\073\327\067\316\015\372
\050\220\332\277\371\343\121\107\045\175\112\323\147\115\207\252
\142\274\136\354\172\200\104\174\367\237\012\275\145\127\224\312
\362\021\146\326\122\177\344\072\160\165\004\315\073\227\324\066
\162\367\121\126\277\064\365\322\101\341\264\332\250\103\376\153
\022\111\022\264\135\317\042\102\226\214\010\043\046\214\262\020
\116\135\252\123\356\001\057\165\345\271\242\021\063\304\327\152
\375\370\016\312\156\202\331\347\273\131\043\116\265\371\021\035
\057\153\043\365\173\021\040\352\101\022\220\062\106\333\061\073
\251\301\133\163\150\072\106\033\214\376\227\267\126\271\141\231
\314\116\360\203\372\067\361\336\034\235\034\161\213\003\223\303
\304\163\202\056\250\230\035\144\242\232\214\367\124\010\115\317
\352\201\313\365\133\011\231\143\257\165\214\226\370\171\065\325
\334\353\101\201\171\070\204\136\157\361\157\142\166\333\221\316
\132\205\140\071\035\133\342\052\057\103\045\333\302\172\044\323
\025\260\242\361\214\240\175\153\110\011\023\377\242\114\146\212
\354\160\122\011\123\214\060\314\270\325\272\044\334\060\231\076
\241\136\267\337\201\254\354\067\276\116\233\047\130\336\176\241
\233\124\177\006\266\057\344\062\120\375\347\020\273\250\315\332
\030\033\324\143\146\075\352\121\161\071\364\234\076\337\132\364
\332\307\114\046\355\213\265\041\272\064\171\002\163\141\020\332
\230\061\250\140\313\176\007\247\320\267\005\103\211\133\315\205
\046\331\260\121\257\367\214\122\252\022\247\130\337\222\233\147
\362\235\362\346\364\151\061\364\026\347\336\167\133\036\335\232
\005\001\255

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "AC RAIZ DNIE"
Issuer: CN=AC RAIZ DNIE,OU=DNIE,O=DIRECCION GENERAL DE LA POLICIA,C=ES
Serial Number:d2:85:70:fd:ae:a7:d6:5f:11:84:15:c6:31:b5:cb
Subject: CN=AC RAIZ DNIE,OU=DNIE,O=DIRECCION GENERAL DE LA POLICIA,C=ES
Not Valid Before: Thu Feb 16 10:37:25 2006
Not Valid After: Fri Feb 08 22:59:59 2036
Fingerprint (MD5): 15:5e:f5:11:7a:a2:c1:15:0e:92:7e:66:fe:3b:84:c3
Fingerprint (SHA1): b3:8f:ec:ec:0b:14:8a:a6:86:c3:d0:0f:01:ec:c8:84:8e:80:85:eb
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ DNIE"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\263\217\354\354\013\024\212\246\206\303\320\017\001\354\310\204
\216\200\205\353

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\025\136\365\021\172\242\301\025\016\222\176\146\376\073\204\303

END

CKA_ISSUER MULTILINE_OCTAL

\060\135\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\050\060\046\006\003\125\004\012\014\037\104\111\122\105\103\103
\111\117\116\040\107\105\116\105\122\101\114\040\104\105\040\114
\101\040\120\117\114\111\103\111\101\061\015\060\013\006\003\125
\004\013\014\004\104\116\111\105\061\025\060\023\006\003\125\004
\003\014\014\101\103\040\122\101\111\132\040\104\116\111\105

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\000\322\205\160\375\256\247\326\137\021\204\025\306\061
\265\313

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "TÜRKTRUST Elektronik Sertifika Hizmet Salaycs"

Issuer: O=TÜRKTRUST Bilgi letiim ve Biliim Güvenlii Hizmetleri A.. (c) Kasm
2005,L=Ankara,C=TR,CN=TÜRKTRUST Elektronik Sertifika Hizmet Salaycs

Serial Number: 1 (0x1)

Subject: O=TÜRKTRUST Bilgi letiim ve Biliim Güvenlii Hizmetleri A.. (c) Kasm
2005,L=Ankara,C=TR,CN=TÜRKTRUST Elektronik Sertifika Hizmet Salaycs

Not Valid Before: Mon Nov 07 10:07:57 2005

Not Valid After: Wed Sep 16 10:07:57 2015

Fingerprint (MD5): 37:a5:6e:d4:b1:25:84:97:b7:fd:56:15:7a:f9:a2:00

Fingerprint (SHA1): b4:35:d4:e1:11:9d:1c:66:90:a7:49:eb:b3:94:bd:63:7b:a7:82:b7

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "TÜRKTRUST Elektronik Sertifika Hizmet Salaycs"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\276\061\077\060\075\006\003\125\004\003\014\066\124\303
\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157
\156\151\153\040\123\145\162\164\151\146\151\153\141\040\110\151
\172\155\145\164\040\123\141\304\237\154\141\171\304\261\143\304
\261\163\304\261\061\013\060\011\006\003\125\004\006\023\002\124
\122\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141
\162\141\061\135\060\133\006\003\125\004\012\014\124\124\303\234

\122\113\124\122\125\123\124\040\102\151\154\147\151\040\304\260
\154\145\164\151\305\237\151\155\040\166\145\040\102\151\154\151
\305\237\151\155\040\107\303\274\166\145\156\154\151\304\237\151
\040\110\151\172\155\145\164\154\145\162\151\040\101\056\305\236
\056\040\050\143\051\040\113\141\163\304\261\155\040\062\060\060
\065

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\276\061\077\060\075\006\003\125\004\003\014\066\124\303
\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157
\156\151\153\040\123\145\162\164\151\146\151\153\141\040\110\151
\172\155\145\164\040\123\141\304\237\154\141\171\304\261\143\304
\261\163\304\261\061\013\060\011\006\003\125\004\006\023\002\124
\122\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141
\162\141\061\135\060\133\006\003\125\004\012\014\124\124\303\234
\122\113\124\122\125\123\124\040\102\151\154\147\151\040\304\260
\154\145\164\151\305\237\151\155\040\166\145\040\102\151\154\151
\305\237\151\155\040\107\303\274\166\145\156\154\151\304\237\151
\040\110\151\172\155\145\164\154\145\162\151\040\101\056\305\236
\056\040\050\143\051\040\113\141\163\304\261\155\040\062\060\060
\065

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\074\060\202\003\044\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\276\061\077\060\075\006\003\125\004\003\014\066\124\303\234
\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157\156
\151\153\040\123\145\162\164\151\146\151\153\141\040\110\151\172
\155\145\164\040\123\141\304\237\154\141\171\304\261\143\304\261
\163\304\261\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162
\141\061\135\060\133\006\003\125\004\012\014\124\124\303\234\122
\113\124\122\125\123\124\040\102\151\154\147\151\040\304\260\154
\145\164\151\305\237\151\155\040\166\145\040\102\151\154\151\305
\237\151\155\040\107\303\274\166\145\156\154\151\304\237\151\040
\110\151\172\155\145\164\154\145\162\151\040\101\056\305\236\056
\040\050\143\051\040\113\141\163\304\261\155\040\062\060\060\065
\060\036\027\015\060\065\061\061\060\067\061\060\060\067\065\067
\132\027\015\061\065\060\071\061\066\061\060\060\067\065\067\132
\060\201\276\061\077\060\075\006\003\125\004\003\014\066\124\303
\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157
\156\151\153\040\123\145\162\164\151\146\151\153\141\040\110\151
\172\155\145\164\040\123\141\304\237\154\141\171\304\261\143\304
\261\163\304\261\061\013\060\011\006\003\125\004\006\023\002\124

\122\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141
\162\141\061\135\060\133\006\003\125\004\012\014\124\124\303\234
\122\113\124\122\125\123\124\040\102\151\154\147\151\040\304\260
\154\145\164\151\305\237\151\155\040\166\145\040\102\151\154\151
\305\237\151\155\040\107\303\274\166\145\156\154\151\304\237\151
\040\110\151\172\155\145\164\154\145\162\151\040\101\056\305\236
\056\040\050\143\051\040\113\141\163\304\261\155\040\062\060\060
\065\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001
\001\000\251\066\176\303\221\103\114\303\031\230\010\310\307\130
\173\117\026\214\245\316\111\001\037\163\016\254\165\023\246\372
\236\054\040\336\330\220\016\012\321\151\322\047\373\252\167\237
\047\122\045\342\313\135\330\330\203\120\027\175\212\265\202\077
\004\216\264\325\360\111\247\144\267\036\056\137\040\234\120\165
\117\257\341\265\101\024\364\230\222\210\307\345\345\144\107\141
\107\171\375\300\121\361\301\231\347\334\316\152\373\257\265\001
\060\334\106\034\357\212\354\225\357\334\377\257\020\034\353\235
\330\260\252\152\205\030\015\027\311\076\277\361\233\320\011\211
\102\375\240\102\264\235\211\121\125\051\317\033\160\274\204\124
\255\301\023\037\230\364\056\166\140\213\135\077\232\255\312\014
\277\247\126\133\217\167\270\325\236\171\111\222\077\340\361\227
\044\172\154\233\027\017\155\357\123\230\221\053\344\017\276\131
\171\007\170\273\227\225\364\237\151\324\130\207\012\251\343\314
\266\130\031\237\046\041\261\304\131\215\262\101\165\300\255\151
\316\234\000\010\362\066\377\076\360\241\017\032\254\024\375\246
\140\017\002\003\001\000\001\243\103\060\101\060\035\006\003\125
\035\016\004\026\004\024\331\067\263\116\005\375\331\317\237\022
\026\256\266\211\057\353\045\072\210\034\060\017\006\003\125\035
\017\001\001\377\004\005\003\003\007\006\000\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006\011
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000
\162\140\226\267\311\334\330\051\136\043\205\137\262\263\055\166
\373\210\327\027\376\173\155\105\270\366\205\154\237\042\374\052
\020\042\354\252\271\060\366\253\130\326\071\020\061\231\051\000
\275\211\146\101\373\164\336\221\301\030\013\237\265\141\313\235
\072\276\365\250\224\243\042\125\156\027\111\377\322\051\361\070
\046\135\357\245\252\072\371\161\173\346\332\130\035\323\164\302
\001\372\076\151\130\137\255\313\150\276\024\056\233\154\300\266
\334\240\046\372\167\032\342\044\332\032\067\340\147\255\321\163
\203\015\245\032\035\156\022\222\176\204\142\000\027\275\274\045
\030\127\362\327\251\157\131\210\274\064\267\056\205\170\235\226
\334\024\303\054\212\122\233\226\214\122\146\075\206\026\213\107
\270\121\011\214\352\175\315\210\162\263\140\063\261\360\012\104
\357\017\365\011\067\210\044\016\054\153\040\072\242\372\021\362
\100\065\234\104\150\143\073\254\063\157\143\274\054\273\362\322
\313\166\175\175\210\330\035\310\005\035\156\274\224\251\146\214
\167\161\307\372\221\372\057\121\236\351\071\122\266\347\004\102
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "TÜRKTRUST Elektronik Sertifika Hizmet Salaycs"

Issuer: O=TÜRKTRUST Bilgi letiim ve Biliim Güvenlii Hizmetleri A.. (c) Kasm
2005,L=Ankara,C=TR,CN=TÜRKTRUST Elektronik Sertifika Hizmet Salaycs

Serial Number: 1 (0x1)

Subject: O=TÜRKTRUST Bilgi letiim ve Biliim Güvenlii Hizmetleri A.. (c) Kasm
2005,L=Ankara,C=TR,CN=TÜRKTRUST Elektronik Sertifika Hizmet Salaycs

Not Valid Before: Mon Nov 07 10:07:57 2005

Not Valid After: Wed Sep 16 10:07:57 2015

Fingerprint (MD5): 37:a5:6e:d4:b1:25:84:97:b7:fd:56:15:7a:f9:a2:00

Fingerprint (SHA1): b4:35:d4:e1:11:9d:1c:66:90:a7:49:eb:b3:94:bd:63:7b:a7:82:b7

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "TÜRKTRUST Elektronik Sertifika Hizmet Salaycs"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\264\065\324\341\021\235\034\146\220\247\111\353\263\224\275\143
\173\247\202\267

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\067\245\156\324\261\045\204\227\267\375\126\025\172\371\242\000

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\276\061\077\060\075\006\003\125\004\003\014\066\124\303
\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157
\156\151\153\040\123\145\162\164\151\146\151\153\141\040\110\151
\172\155\145\164\040\123\141\304\237\154\141\171\304\261\143\304
\261\163\304\261\061\013\060\011\006\003\125\004\006\023\002\124
\122\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141
\162\141\061\135\060\133\006\003\125\004\012\014\124\124\303\234
\122\113\124\122\125\123\124\040\102\151\154\147\151\040\304\260
\154\145\164\151\305\237\151\155\040\166\145\040\102\151\154\151
\305\237\151\155\040\107\303\274\166\145\156\154\151\304\237\151
\040\110\151\172\155\145\164\154\145\162\151\040\101\056\305\236
\056\040\050\143\051\040\113\141\163\304\261\155\040\062\060\060
\065

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "A-Trust-nQual-03"

Issuer: CN=A-Trust-nQual-03,OU=A-Trust-nQual-03,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH,C=AT

Serial Number: 93214 (0x16c1e)

Subject: CN=A-Trust-nQual-03,OU=A-Trust-nQual-03,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH,C=AT

Not Valid Before: Wed Aug 17 22:00:00 2005

Not Valid After: Mon Aug 17 22:00:00 2015

Fingerprint (MD5): 49:63:ae:27:f4:d5:95:3d:d8:db:24:86:b8:9c:07:53

Fingerprint (SHA1): d3:c0:63:f2:19:ed:07:3e:34:ad:5d:75:0b:32:76:29:ff:d5:9a:f2

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "A-Trust-nQual-03"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\215\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165
\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145
\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155
\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145
\162\153\145\150\162\040\107\155\142\110\061\031\060\027\006\003
\125\004\013\014\020\101\055\124\162\165\163\164\055\156\121\165
\141\154\055\060\063\061\031\060\027\006\003\125\004\003\014\020
\101\055\124\162\165\163\164\055\156\121\165\141\154\055\060\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\215\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165
\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145
\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155
\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145
\162\153\145\150\162\040\107\155\142\110\061\031\060\027\006\003
\125\004\013\014\020\101\055\124\162\165\163\164\055\156\121\165
\141\154\055\060\063\061\031\060\027\006\003\125\004\003\014\020
\101\055\124\162\165\163\164\055\156\121\165\141\154\055\060\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\003\001\154\036

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\317\060\202\002\267\240\003\002\001\002\002\003\001
\154\036\060\015\006\011\052\206\110\206\367\015\001\001\005\005

\000\060\201\215\061\013\060\011\006\003\125\004\006\023\002\101
\124\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162
\165\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150
\145\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151
\155\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166
\145\162\153\145\150\162\040\107\155\142\110\061\031\060\027\006
\003\125\004\013\014\020\101\055\124\162\165\163\164\055\156\121
\165\141\154\055\060\063\061\031\060\027\006\003\125\004\003\014
\020\101\055\124\162\165\163\164\055\156\121\165\141\154\055\060
\063\060\036\027\015\060\065\060\070\061\067\062\062\060\060\060
\060\132\027\015\061\065\060\070\061\067\062\062\060\060\060\060
\132\060\201\215\061\013\060\011\006\003\125\004\006\023\002\101
\124\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162
\165\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150
\145\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151
\155\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166
\145\162\153\145\150\162\040\107\155\142\110\061\031\060\027\006
\003\125\004\013\014\020\101\055\124\162\165\163\164\055\156\121
\165\141\154\055\060\063\061\031\060\027\006\003\125\004\003\014
\020\101\055\124\162\165\163\164\055\156\121\165\141\154\055\060
\063\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001
\001\000\255\075\141\156\003\363\220\073\300\101\013\204\200\315
\354\052\243\235\153\273\156\302\102\204\367\121\024\341\240\250
\055\121\243\121\362\336\043\360\064\104\377\224\353\314\005\043
\225\100\271\007\170\245\045\366\012\275\105\206\350\331\275\300
\004\216\205\104\141\357\177\247\311\372\301\045\314\205\054\143
\077\005\140\163\111\005\340\140\170\225\020\113\334\371\021\131
\316\161\177\100\233\212\252\044\337\013\102\342\333\126\274\112
\322\245\014\233\267\103\076\335\203\323\046\020\002\317\352\043
\304\111\116\345\323\351\264\210\253\014\256\142\222\324\145\207
\331\152\327\364\205\237\344\063\042\045\245\345\310\063\272\303
\307\101\334\137\306\152\314\000\016\155\062\250\266\207\066\000
\142\167\233\036\037\064\313\220\074\170\210\164\005\353\171\365
\223\161\145\312\235\307\153\030\055\075\134\116\347\325\370\077
\061\175\217\207\354\012\042\057\043\351\376\273\175\311\340\364
\354\353\174\304\260\303\055\142\265\232\161\326\261\152\350\354
\331\355\325\162\354\276\127\001\316\005\125\237\336\321\140\210
\020\263\002\003\001\000\001\243\066\060\064\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\021\006\003
\125\035\016\004\012\004\010\104\152\225\147\125\171\021\117\060
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202
\001\001\000\125\324\124\321\131\110\134\263\223\205\252\277\143
\057\344\200\316\064\243\064\142\076\366\330\356\147\210\061\004
\003\157\013\324\007\373\116\165\017\323\056\323\300\027\307\306
\050\354\006\015\021\044\016\016\245\135\277\214\262\023\226\161
\334\324\316\016\015\012\150\062\154\271\101\061\031\253\261\007

```
\173\115\230\323\134\260\321\360\247\102\240\265\304\216\257\376
\361\077\364\357\117\106\000\166\353\002\373\371\235\322\100\226
\307\210\072\270\237\021\171\363\200\145\250\275\037\323\170\201
\240\121\114\067\264\246\135\045\160\321\146\311\150\371\056\021
\024\150\361\124\230\010\254\046\222\017\336\211\236\324\372\263
\171\053\322\243\171\324\354\213\254\207\123\150\102\114\121\121
\164\036\033\047\056\343\365\037\051\164\115\355\257\367\341\222
\231\201\350\276\072\307\027\120\366\267\306\374\233\260\212\153
\326\210\003\221\217\006\167\072\205\002\335\230\325\103\170\077
\306\060\025\254\233\153\313\127\267\211\121\213\072\350\311\204
\014\333\261\120\040\012\032\112\272\152\032\275\354\033\310\305
\204\232\315
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "A-Trust-nQual-03"
```

```
# Issuer: CN=A-Trust-nQual-03,OU=A-Trust-nQual-03,O=A-Trust Ges. f. Sicherheitssysteme im elektr.
Datenverkehr GmbH,C=AT
```

```
# Serial Number: 93214 (0x16c1e)
```

```
# Subject: CN=A-Trust-nQual-03,OU=A-Trust-nQual-03,O=A-Trust Ges. f. Sicherheitssysteme im elektr.
Datenverkehr GmbH,C=AT
```

```
# Not Valid Before: Wed Aug 17 22:00:00 2005
```

```
# Not Valid After: Mon Aug 17 22:00:00 2015
```

```
# Fingerprint (MD5): 49:63:ae:27:f4:d5:95:3d:d8:db:24:86:b8:9c:07:53
```

```
# Fingerprint (SHA1): d3:c0:63:f2:19:ed:07:3e:34:ad:5d:75:0b:32:76:29:ff:d5:9a:f2
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "A-Trust-nQual-03"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\323\300\143\362\031\355\007\076\064\255\135\165\013\062\166\051
\377\325\232\362
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\111\143\256\047\364\325\225\075\330\333\044\206\270\234\007\123
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\215\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\110\060\106\006\003\125\004\012\014\077\101\055\124\162\165
\163\164\040\107\145\163\056\040\146\056\040\123\151\143\150\145
\162\150\145\151\164\163\163\171\163\164\145\155\145\040\151\155
\040\145\154\145\153\164\162\056\040\104\141\164\145\156\166\145
\162\153\145\150\162\040\107\155\142\110\061\031\060\027\006\003
\125\004\013\014\020\101\055\124\162\165\163\164\055\156\121\165
```

```
\141\154\055\060\063\061\031\060\027\006\003\125\004\003\014\020
\101\055\124\162\165\163\164\055\156\121\165\141\154\055\060\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\154\036
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "CertRSA01"
# Issuer: CN=CertRSA01,OU=ROOTCA,O=KISA,C=KR
# Serial Number: 3 (0x3)
# Subject: CN=CertRSA01,OU=ROOTCA,O=KISA,C=KR
# Not Valid Before: Thu Mar 02 15:00:00 2000
# Not Valid After: Wed Mar 03 14:59:59 2010
# Fingerprint (MD5): 9f:6c:1f:0f:07:ac:19:21:f9:15:bb:d5:c7:2c:d8:2a
# Fingerprint (SHA1): f5:c2:7c:f5:ff:f3:02:9a:cf:1a:1a:4b:ec:7e:e1:96:4c:77:d7:84
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CertRSA01"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\015\060\013\006\003\125\004\012\023\004\113\111\123\101\061\017
\060\015\006\003\125\004\013\023\006\122\117\117\124\103\101\061
\022\060\020\006\003\125\004\003\023\011\103\145\162\164\122\123
\101\060\061
```

```
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\015\060\013\006\003\125\004\012\023\004\113\111\123\101\061\017
\060\015\006\003\125\004\013\023\006\122\117\117\124\103\101\061
\022\060\020\006\003\125\004\003\023\011\103\145\162\164\122\123
\101\060\061
```

```
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\003
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\112\060\202\003\062\240\003\002\001\002\002\001\003
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\101\061\013\060\011\006\003\125\004\006\023\002\113\122\061\015
```

\060\013\006\003\125\004\012\023\004\113\111\123\101\061\017\060
\015\006\003\125\004\013\023\006\122\117\117\124\103\101\061\022
\060\020\006\003\125\004\003\023\011\103\145\162\164\122\123\101
\060\061\060\036\027\015\060\060\060\063\060\062\061\065\060\060
\060\060\132\027\015\061\060\060\063\060\063\061\064\065\071\065
\071\132\060\101\061\013\060\011\006\003\125\004\006\023\002\113
\122\061\015\060\013\006\003\125\004\012\023\004\113\111\123\101
\061\017\060\015\006\003\125\004\013\023\006\122\117\117\124\103
\101\061\022\060\020\006\003\125\004\003\023\011\103\145\162\164
\122\123\101\060\061\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\316\317\355\341\350\126\035\311\113\062
\140\233\052\267\227\207\141\006\064\150\313\027\256\300\170\305
\306\021\133\113\174\227\253\271\154\116\057\000\366\123\054\351
\341\234\132\220\152\075\172\070\070\065\132\255\034\012\131\205
\273\365\143\147\011\023\351\046\117\330\074\135\357\123\102\336
\105\142\344\076\315\162\244\372\263\300\340\037\216\224\342\145
\055\125\301\025\222\054\157\363\103\324\065\005\005\064\067\240
\054\264\163\133\361\047\046\224\232\365\272\022\314\372\170\065
\242\255\124\325\146\217\021\352\246\031\115\327\023\065\124\173
\221\227\003\107\143\260\251\017\150\276\322\364\236\352\215\265
\173\104\265\271\055\070\311\000\343\345\277\306\165\211\003\231
\377\214\113\010\017\302\005\061\244\115\027\021\316\303\165\017
\153\260\137\320\254\206\255\175\351\240\210\271\306\022\326\300
\072\054\322\157\154\047\035\252\377\105\233\306\003\020\002\151
\371\006\357\237\042\240\070\070\202\310\044\021\254\241\236\217
\115\276\170\137\337\272\077\203\003\175\121\243\370\307\135\250
\221\150\037\036\162\335\002\003\001\000\001\243\202\001\113\060
\202\001\107\060\035\006\003\125\035\016\004\026\004\024\377\212
\106\162\063\130\350\110\210\042\252\027\150\332\026\110\011\213
\065\221\060\037\006\003\125\035\043\004\030\060\026\200\024\377
\212\106\162\063\130\350\110\210\042\252\027\150\332\026\110\011
\213\065\221\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\025\006\003\125\035\040\004\016\060\014\060\012
\006\010\052\203\032\214\232\104\002\001\060\060\006\003\125\035
\021\004\051\060\047\244\045\060\043\061\041\060\037\006\003\125
\004\003\014\030\355\225\234\352\265\255\354\240\225\353\263\264
\353\263\264\355\230\270\354\204\274\355\204\260\060\060\006\003
\125\035\022\004\051\060\047\244\045\060\043\061\041\060\037\006
\003\125\004\003\014\030\355\225\234\352\265\255\354\240\225\353
\263\264\353\263\264\355\230\270\354\204\274\355\204\260\060\022
\006\003\125\035\023\001\001\377\004\010\060\006\001\001\377\002
\001\001\060\014\006\003\125\035\044\004\005\060\003\200\001\000
\060\130\006\003\125\035\037\004\121\060\117\060\115\240\113\240
\111\206\107\154\144\141\160\072\057\057\144\151\162\163\171\163
\056\162\157\157\164\143\141\056\157\162\056\153\162\072\063\070
\071\057\103\116\075\122\117\117\124\055\122\123\101\055\103\122
\114\054\040\117\125\075\122\117\117\124\103\101\054\040\117\075

```
\113\111\123\101\054\040\103\075\113\122\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\054\074
\244\043\154\102\370\211\050\107\120\174\343\346\347\043\055\066
\066\306\210\052\221\230\373\036\174\017\253\235\021\255\165\254
\344\134\153\061\021\164\063\142\157\324\006\221\021\306\162\164
\230\057\260\142\373\064\051\257\024\362\306\144\340\277\253\313
\127\271\141\234\363\142\115\063\171\327\146\052\121\314\334\000
\124\005\001\126\176\214\266\216\023\364\055\231\121\341\232\170
\274\125\121\112\111\332\133\013\202\373\103\075\332\315\223\011
\313\265\243\011\303\260\175\131\110\242\233\330\373\067\303\157
\016\067\352\005\227\277\322\156\241\310\350\303\373\363\255\062
\310\125\222\064\102\340\324\022\345\324\355\041\212\347\230\222
\377\134\327\245\146\252\277\361\072\174\055\302\340\125\065\005
\332\221\152\007\123\321\205\261\224\307\046\015\033\150\051\010
\301\041\223\017\153\242\140\270\123\257\104\331\144\135\323\156
\233\204\022\170\061\030\332\163\277\254\044\370\253\055\277\016
\176\272\173\011\312\132\211\250\054\122\314\114\164\255\331\137
\263\267\326\005\367\101\137\161\345\146\031\006\045\171
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "CertRSA01"
```

```
# Issuer: CN=CertRSA01,OU=ROOTCA,O=KISA,C=KR
```

```
# Serial Number: 3 (0x3)
```

```
# Subject: CN=CertRSA01,OU=ROOTCA,O=KISA,C=KR
```

```
# Not Valid Before: Thu Mar 02 15:00:00 2000
```

```
# Not Valid After: Wed Mar 03 14:59:59 2010
```

```
# Fingerprint (MD5): 9f:6c:1f:0f:07:ac:19:21:f9:15:bb:d5:c7:2c:d8:2a
```

```
# Fingerprint (SHA1): f5:c2:7c:f5:ff:f3:02:9a:cf:1a:1a:4b:ec:7e:e1:96:4c:77:d7:84
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "CertRSA01"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\365\302\174\365\377\363\002\232\317\032\032\113\354\176\341\226
\114\167\327\204
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\237\154\037\017\007\254\031\041\371\025\273\325\307\054\330\052
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\101\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\015\060\013\006\003\125\004\012\023\004\113\111\123\101\061\017
\060\015\006\003\125\004\013\023\006\122\117\117\124\103\101\061
```

```

\022\060\020\006\003\125\004\003\023\011\103\145\162\164\122\123
\101\060\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\003
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "KISA RootCA 1"
# Issuer: CN=KISA RootCA 1,OU=Korea Certification Authority Central,O=KISA,C=KR
# Serial Number: 4 (0x4)
# Subject: CN=KISA RootCA 1,OU=Korea Certification Authority Central,O=KISA,C=KR
# Not Valid Before: Wed Aug 24 08:05:46 2005
# Not Valid After: Sun Aug 24 08:05:46 2025
# Fingerprint (MD5): 68:9b:17:c6:54:e0:e0:e0:99:55:16:42:f7:5a:86:d8
# Fingerprint (SHA1): 02:72:68:29:3e:5f:5d:17:aa:a4:b3:c3:e6:36:1e:1f:92:57:5e:aa
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "KISA RootCA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\144\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\015\060\013\006\003\125\004\012\014\004\113\111\123\101\061\056
\060\054\006\003\125\004\013\014\045\113\157\162\145\141\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\103\145\156\164\162\141\154\061\026
\060\024\006\003\125\004\003\014\015\113\111\123\101\040\122\157
\157\164\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\144\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\015\060\013\006\003\125\004\012\014\004\113\111\123\101\061\056
\060\054\006\003\125\004\013\014\045\113\157\162\145\141\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\103\145\156\164\162\141\154\061\026
\060\024\006\003\125\004\003\014\015\113\111\123\101\040\122\157
\157\164\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\004
END

```

CKA_VALUE MULTILINE_OCTAL

\060\202\003\163\060\202\002\133\240\003\002\001\002\002\001\004
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\144\061\013\060\011\006\003\125\004\006\023\002\113\122\061\015
\060\013\006\003\125\004\012\014\004\113\111\123\101\061\056\060
\054\006\003\125\004\013\014\045\113\157\162\145\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171\040\103\145\156\164\162\141\154\061\026\060
\024\006\003\125\004\003\014\015\113\111\123\101\040\122\157\157
\164\103\101\040\061\060\036\027\015\060\065\060\070\062\064\060
\070\060\065\064\066\132\027\015\062\065\060\070\062\064\060\070
\060\065\064\066\132\060\144\061\013\060\011\006\003\125\004\006
\023\002\113\122\061\015\060\013\006\003\125\004\012\014\004\113
\111\123\101\061\056\060\054\006\003\125\004\013\014\045\113\157
\162\145\141\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\040\103\145\156\164
\162\141\154\061\026\060\024\006\003\125\004\003\014\015\113\111
\123\101\040\122\157\157\164\103\101\040\061\060\202\001\040\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\001\015\000\060\202\001\010\002\202\001\001\000\274\004\344\372
\023\071\360\064\226\040\153\154\150\273\372\333\167\377\047\367
\254\354\057\347\375\360\177\155\157\214\052\315\045\011\133\044
\364\241\150\374\050\354\311\045\342\254\355\336\310\063\204\365
\260\245\011\072\247\261\107\110\305\314\117\214\171\234\371\006
\127\175\335\356\070\366\317\024\262\234\352\323\300\135\167\142
\360\107\015\271\032\100\123\134\144\160\257\010\132\300\367\317
\165\371\154\215\144\050\036\040\376\267\033\031\323\132\146\203
\162\342\260\233\275\323\045\025\015\062\157\144\067\224\205\106
\310\162\276\167\325\156\037\050\057\307\151\355\347\203\211\063
\130\323\336\240\277\100\350\103\120\356\334\115\153\274\245\352
\246\310\141\216\365\303\144\257\006\025\334\051\213\077\165\214
\274\161\104\333\374\255\265\027\035\155\211\203\317\306\063\275
\277\105\242\376\012\237\243\021\137\017\271\037\234\032\302\106
\314\234\050\146\237\160\046\074\056\337\252\200\376\214\305\004
\011\045\117\315\223\107\074\067\352\002\147\222\376\374\042\044
\134\254\322\054\340\134\001\063\212\301\031\333\002\001\003\243
\062\060\060\060\035\006\003\125\035\016\004\026\004\024\277\266
\047\330\003\132\166\145\114\141\001\101\126\061\345\213\173\072
\331\314\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\003\202\001\001\000\023\257\121\013\336\212\152\133\346
\232\012\310\261\220\112\116\241\002\235\314\210\322\253\146\275
\075\354\273\261\102\225\152\262\134\132\377\241\143\144\226\251
\150\025\177\045\136\212\370\244\163\301\200\212\205\012\016\122
\350\062\347\105\370\116\145\200\221\231\164\103\345\105\235\111
\052\360\224\225\335\351\341\060\322\023\156\311\116\261\167\345
\004\317\255\132\036\224\011\132\327\074\010\034\256\172\351\024
\062\301\105\255\322\046\110\162\254\250\101\332\360\041\207\071

```
\136\337\374\144\377\141\164\052\234\331\233\213\137\302\067\223
\330\243\067\057\073\223\153\262\033\007\247\177\011\120\357\323
\072\276\041\153\212\220\073\047\112\121\116\153\236\234\207\235
\370\170\220\061\355\021\047\306\250\131\276\374\030\013\373\216
\176\056\102\341\355\347\011\041\275\271\023\305\126\147\364\046
\246\102\103\220\104\124\264\161\233\166\344\032\022\254\032\050
\000\337\233\301\325\370\333\134\243\370\222\261\275\264\324\371
\120\331\000\002\117\333\203\320\021\117\244\102\126\141\072\176
\023\062\323\204\037\311\272
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "KISA RootCA 1"

Issuer: CN=KISA RootCA 1,OU=Korea Certification Authority Central,O=KISA,C=KR

Serial Number: 4 (0x4)

Subject: CN=KISA RootCA 1,OU=Korea Certification Authority Central,O=KISA,C=KR

Not Valid Before: Wed Aug 24 08:05:46 2005

Not Valid After: Sun Aug 24 08:05:46 2025

Fingerprint (MD5): 68:9b:17:c6:54:e0:e0:e0:99:55:16:42:f7:5a:86:d8

Fingerprint (SHA1): 02:72:68:29:3e:5f:5d:17:aa:a4:b3:c3:e6:36:1e:1f:92:57:5e:aa

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "KISA RootCA 1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\002\162\150\051\076\137\135\027\252\244\263\303\346\066\036\037
\222\127\136\252
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\150\233\027\306\124\340\340\340\231\125\026\102\367\132\206\330
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\144\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\015\060\013\006\003\125\004\012\014\004\113\111\123\101\061\056
\060\054\006\003\125\004\013\014\045\113\157\162\145\141\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\103\145\156\164\162\141\154\061\026
\060\024\006\003\125\004\003\014\015\113\111\123\101\040\122\157
\157\164\103\101\040\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\004
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```


CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "KISA RootCA 3"
Issuer: CN=KISA RootCA 3,OU=Korea Certification Authority Central,O=KISA,C=KR
Serial Number: 2 (0x2)
Subject: CN=KISA RootCA 3,OU=Korea Certification Authority Central,O=KISA,C=KR
Not Valid Before: Fri Nov 19 06:39:51 2004
Not Valid After: Wed Nov 19 06:39:51 2014
Fingerprint (MD5): 93:eb:36:13:0b:c1:54:f1:3e:75:05:e5:e0:1c:d4:37
Fingerprint (SHA1): 5f:4e:1f:cf:31:b7:91:3b:85:0b:54:f6:e5:ff:50:1a:2b:6f:c6:cf

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "KISA RootCA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\144\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\015\060\013\006\003\125\004\012\023\004\113\111\123\101\061\056
\060\054\006\003\125\004\013\023\045\113\157\162\145\141\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\103\145\156\164\162\141\154\061\026
\060\024\006\003\125\004\003\023\015\113\111\123\101\040\122\157
\157\164\103\101\040\063

END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\144\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\015\060\013\006\003\125\004\012\023\004\113\111\123\101\061\056
\060\054\006\003\125\004\013\023\045\113\157\162\145\141\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\103\145\156\164\162\141\154\061\026
\060\024\006\003\125\004\003\023\015\113\111\123\101\040\122\157
\157\164\103\101\040\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002

END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\122\060\202\004\072\240\003\002\001\002\002\001\002
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\144\061\013\060\011\006\003\125\004\006\023\002\113\122\061\015
\060\013\006\003\125\004\012\023\004\113\111\123\101\061\056\060
\054\006\003\125\004\013\023\045\113\157\162\145\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150

\157\162\151\164\171\040\103\145\156\164\162\141\154\061\026\060
\024\006\003\125\004\003\023\015\113\111\123\101\040\122\157\157
\164\103\101\040\063\060\036\027\015\060\064\061\061\061\071\060
\066\063\071\065\061\132\027\015\061\064\061\061\061\071\060\066
\063\071\065\061\132\060\144\061\013\060\011\006\003\125\004\006
\023\002\113\122\061\015\060\013\006\003\125\004\012\023\004\113
\111\123\101\061\056\060\054\006\003\125\004\013\023\045\113\157
\162\145\141\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\040\103\145\156\164
\162\141\154\061\026\060\024\006\003\125\004\003\023\015\113\111
\123\101\040\122\157\157\164\103\101\040\063\060\202\001\040\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\001\015\000\060\202\001\010\002\202\001\001\000\336\272\355\027
\145\256\321\275\112\075\254\333\200\162\314\130\341\347\341\223
\332\314\060\172\317\357\013\256\055\247\103\253\277\247\102\317
\010\126\010\244\107\035\175\372\206\357\330\060\227\046\064\141
\074\200\016\370\324\353\237\374\042\060\033\241\155\076\343\114
\322\125\116\026\100\067\302\366\007\156\333\007\265\245\214\226
\201\342\233\134\176\224\141\310\316\204\074\261\372\000\346\162
\323\011\205\167\351\334\136\041\117\264\344\116\364\342\027\253
\120\257\034\377\241\071\130\165\133\022\262\226\271\215\360\160
\142\110\133\126\050\052\245\207\221\066\271\036\044\365\271\272
\173\266\122\121\133\027\132\140\005\154\234\302\346\306\214\076
\371\352\335\074\214\377\211\336\103\160\254\035\270\361\165\315
\070\312\123\015\107\150\152\306\074\030\312\275\341\264\276\016
\364\320\343\322\023\372\260\121\021\021\324\101\253\350\364\071
\216\341\064\204\117\013\223\252\152\070\374\345\306\170\107\256
\166\027\372\241\200\067\006\000\025\010\375\153\043\216\372\162
\015\225\326\113\142\261\150\302\335\064\233\135\002\001\003\243
\202\002\017\060\202\002\013\060\037\006\003\125\035\043\004\030
\060\026\200\024\217\201\360\332\246\315\164\074\276\146\364\025
\153\106\244\376\006\050\314\252\060\035\006\003\125\035\016\004
\026\004\024\217\201\360\332\246\315\164\074\276\146\364\025\153
\106\244\376\006\050\314\252\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\006\060\202\001\056\006\003\125\035\040
\004\202\001\045\060\202\001\041\060\202\001\035\006\004\125\035
\040\000\060\202\001\023\060\060\006\010\053\006\001\005\005\007
\002\001\026\044\150\164\164\160\072\057\057\167\167\167\056\162
\157\157\164\143\141\056\157\162\056\153\162\057\162\143\141\057
\143\160\163\056\150\164\155\154\060\201\336\006\010\053\006\001
\005\005\007\002\002\060\201\321\036\201\316\307\164\000\040\307
\170\311\235\301\034\262\224\000\040\254\365\307\170\307\170\311
\235\301\034\307\205\262\310\262\344\000\050\000\124\000\150\000
\151\000\163\000\040\000\143\000\145\000\162\000\164\000\151\000
\146\000\151\000\143\000\141\000\164\000\145\000\040\000\151\000
\163\000\040\000\141\000\143\000\143\000\162\000\145\000\144\000
\151\000\164\000\145\000\144\000\040\000\165\000\156\000\144\000
\145\000\162\000\040\000\105\000\154\000\145\000\143\000\164\000

\162\000\157\000\156\000\151\000\143\000\040\000\123\000\151\000
\147\000\156\000\141\000\164\000\165\000\162\000\145\000\040\000
\101\000\143\000\164\000\040\000\157\000\146\000\040\000\164\000
\150\000\145\000\040\000\122\000\145\000\160\000\165\000\142\000
\154\000\151\000\143\000\040\000\157\000\146\000\040\000\113\000
\157\000\162\000\145\000\141\000\051\060\063\006\003\125\035\021
\004\054\060\052\244\050\060\046\061\044\060\042\006\003\125\004
\003\014\033\355\225\234\352\265\255\354\240\225\353\263\264\353
\263\264\355\230\270\354\247\204\355\235\245\354\233\220\060\063
\006\003\125\035\022\004\054\060\052\244\050\060\046\061\044\060
\042\006\003\125\004\003\014\033\355\225\234\352\265\255\354\240
\225\353\263\264\353\263\264\355\230\270\354\247\204\355\235\245
\354\233\220\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\014\006\003\125\035\044\004\005\060\003\200
\001\000\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\003\202\001\001\000\317\326\367\016\375\260\214\156\005\025
\216\250\134\053\262\132\321\036\127\246\136\030\252\202\021\010
\374\231\267\133\247\343\310\322\242\323\371\044\064\367\343\344
\256\211\124\107\323\151\111\311\200\301\021\353\342\051\307\366
\006\213\137\272\342\136\317\253\303\316\317\356\222\045\334\237
\071\036\016\003\364\336\220\133\241\160\231\134\307\163\116\311
\244\165\111\173\045\241\237\202\222\215\115\354\141\305\014\062
\247\307\070\070\200\125\072\052\203\035\234\144\171\271\015\247
\065\112\150\357\217\377\005\330\272\116\126\141\330\370\112\160
\230\010\226\223\330\140\307\072\354\137\237\035\053\065\117\110
\024\241\232\273\157\356\322\003\206\123\361\020\307\007\124\142
\136\066\216\342\034\053\035\027\115\346\365\132\357\212\272\202
\350\167\331\050\021\176\067\207\112\224\012\311\100\351\065\245
\072\373\144\076\362\137\026\172\363\166\327\316\356\077\104\035
\105\252\137\021\252\123\034\072\037\122\121\142\124\017\243\220
\065\317\115\157\272\307\276\054\011\361\065\370\001\273\044\335
\060\274\110\017\356\331

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "KISA RootCA 3"
Issuer: CN=KISA RootCA 3,OU=Korea Certification Authority Central,O=KISA,C=KR
Serial Number: 2 (0x2)
Subject: CN=KISA RootCA 3,OU=Korea Certification Authority Central,O=KISA,C=KR
Not Valid Before: Fri Nov 19 06:39:51 2004
Not Valid After: Wed Nov 19 06:39:51 2014
Fingerprint (MD5): 93:eb:36:13:0b:c1:54:f1:3e:75:05:e5:e0:1c:d4:37
Fingerprint (SHA1): 5f:4e:1f:cf:31:b7:91:3b:85:0b:54:f6:e5:ff:50:1a:2b:6f:c6:cf
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "KISA RootCA 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\116\037\317\061\267\221\073\205\013\124\366\345\377\120\032
\053\157\306\317
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\223\353\066\023\013\301\124\361\076\165\005\345\340\034\324\067
END
CKA_ISSUER MULTILINE_OCTAL
\060\144\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\015\060\013\006\003\125\004\012\023\004\113\111\123\101\061\056
\060\054\006\003\125\004\013\023\045\113\157\162\145\141\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\103\145\156\164\162\141\154\061\026
\060\024\006\003\125\004\003\023\015\113\111\123\101\040\122\157
\157\164\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado"
# Issuer: 1.2.840.113549.1.9.1=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA)
Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU
# Serial Number: 123 (0x7b)
# Subject: 1.2.840.113549.1.9.1=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA)
Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU
# Not Valid Before: Sun Mar 30 01:47:11 2003
# Not Valid After: Thu Dec 15 01:47:11 2022
# Fingerprint (MD5): d4:80:65:68:24:f9:89:22:28:db:f5:a4:9a:17:8f:14
# Fingerprint (SHA1): 01:68:97:e1:a0:b8:f2:c3:b1:34:66:5c:20:a7:27:b7:a1:58:e2:8f
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\311\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\023\010\102\165\144\141\160
\145\163\164\061\047\060\045\006\003\125\004\012\023\036\116\145

```

\164\114\157\143\153\040\110\141\154\157\172\141\164\142\151\172
\164\157\156\163\141\147\151\040\113\146\164\056\061\032\060\030
\006\003\125\004\013\023\021\124\141\156\165\163\151\164\166\141
\156\171\153\151\141\144\157\153\061\102\060\100\006\003\125\004
\003\023\071\116\145\164\114\157\143\153\040\115\151\156\157\163
\151\164\145\164\164\040\113\157\172\152\145\147\171\172\157\151
\040\050\103\154\141\163\163\040\121\101\051\040\124\141\156\165
\163\151\164\166\141\156\171\153\151\141\144\157\061\036\060\034
\006\011\052\206\110\206\367\015\001\011\001\026\017\151\156\146
\157\100\156\145\164\154\157\143\153\056\150\165

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\311\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\023\010\102\165\144\141\160
\145\163\164\061\047\060\045\006\003\125\004\012\023\036\116\145
\164\114\157\143\153\040\110\141\154\157\172\141\164\142\151\172
\164\157\156\163\141\147\151\040\113\146\164\056\061\032\060\030
\006\003\125\004\013\023\021\124\141\156\165\163\151\164\166\141
\156\171\153\151\141\144\157\153\061\102\060\100\006\003\125\004
\003\023\071\116\145\164\114\157\143\153\040\115\151\156\157\163
\151\164\145\164\164\040\113\157\172\152\145\147\171\172\157\151
\040\050\103\154\141\163\163\040\121\101\051\040\124\141\156\165
\163\151\164\166\141\156\171\153\151\141\144\157\061\036\060\034
\006\011\052\206\110\206\367\015\001\011\001\026\017\151\156\146
\157\100\156\145\164\154\157\143\153\056\150\165

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\173

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\321\060\202\005\271\240\003\002\001\002\002\001\173
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\311\061\013\060\011\006\003\125\004\006\023\002\110\125\061
\021\060\017\006\003\125\004\007\023\010\102\165\144\141\160\145
\163\164\061\047\060\045\006\003\125\004\012\023\036\116\145\164
\114\157\143\153\040\110\141\154\157\172\141\164\142\151\172\164
\157\156\163\141\147\151\040\113\146\164\056\061\032\060\030\006
\003\125\004\013\023\021\124\141\156\165\163\151\164\166\141\156
\171\153\151\141\144\157\153\061\102\060\100\006\003\125\004\003
\023\071\116\145\164\114\157\143\153\040\115\151\156\157\163\151
\164\145\164\164\040\113\157\172\152\145\147\171\172\157\151\040
\050\103\154\141\163\163\040\121\101\051\040\124\141\156\165\163
\151\164\166\141\156\171\153\151\141\144\157\061\036\060\034\006
\011\052\206\110\206\367\015\001\011\001\026\017\151\156\146\157
\100\156\145\164\154\157\143\153\056\150\165\060\036\027\015\060
\063\060\063\063\060\060\061\064\067\061\061\132\027\015\062\062
\061\062\061\065\060\061\064\067\061\061\132\060\201\311\061\013

\060\011\006\003\125\004\006\023\002\110\125\061\021\060\017\006
\003\125\004\007\023\010\102\165\144\141\160\145\163\164\061\047
\060\045\006\003\125\004\012\023\036\116\145\164\114\157\143\153
\040\110\141\154\157\172\141\164\142\151\172\164\157\156\163\141
\147\151\040\113\146\164\056\061\032\060\030\006\003\125\004\013
\023\021\124\141\156\165\163\151\164\166\141\156\171\153\151\141
\144\157\153\061\102\060\100\006\003\125\004\003\023\071\116\145
\164\114\157\143\153\040\115\151\156\157\163\151\164\145\164\164
\040\113\157\172\152\145\147\171\172\157\151\040\050\103\154\141
\163\163\040\121\101\051\040\124\141\156\165\163\151\164\166\141
\156\171\153\151\141\144\157\061\036\060\034\006\011\052\206\110
\206\367\015\001\011\001\026\017\151\156\146\157\100\156\145\164
\154\157\143\153\056\150\165\060\202\001\042\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060
\202\001\012\002\202\001\001\000\307\122\045\262\330\075\324\204
\125\011\247\033\275\154\271\024\364\212\002\333\166\374\152\052
\170\253\345\167\360\156\340\214\043\147\333\245\144\231\271\335
\001\076\157\357\055\232\074\042\360\135\311\127\240\125\101\177
\362\103\136\130\202\123\061\145\316\036\362\046\272\000\124\036
\257\260\274\034\344\122\214\240\062\257\267\067\261\123\147\150
\164\147\120\366\055\056\144\336\256\046\171\337\337\231\206\253
\253\177\205\354\240\373\200\314\364\270\014\036\223\105\143\271
\334\270\133\233\355\133\071\324\137\142\260\247\216\174\146\070
\054\252\261\010\143\027\147\175\314\275\263\361\303\077\317\120
\071\355\321\031\203\025\333\207\022\047\226\267\332\352\345\235
\274\272\352\071\117\213\357\164\232\347\305\320\322\352\206\121
\034\344\376\144\010\050\004\171\005\353\312\305\161\016\013\357
\253\352\354\022\021\241\030\005\062\151\321\014\054\032\075\045
\231\077\265\174\312\155\260\256\231\231\372\010\140\347\031\302
\362\275\121\323\314\323\002\254\301\021\014\200\316\253\334\224
\235\153\243\071\123\072\326\205\002\003\000\305\175\243\202\002
\300\060\202\002\274\060\022\006\003\125\035\023\001\001\377\004
\010\060\006\001\001\377\002\001\004\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\202\002\165\006\011\140
\206\110\001\206\370\102\001\015\004\202\002\146\026\202\002\142
\106\111\107\131\105\114\105\115\041\040\105\172\145\156\040\164
\141\156\165\163\151\164\166\141\156\171\040\141\040\116\145\164
\114\157\143\153\040\113\146\164\056\040\115\151\156\157\163\151
\164\145\164\164\040\123\172\157\154\147\141\154\164\141\164\141
\163\151\040\123\172\141\142\141\154\171\172\141\164\141\142\141
\156\040\154\145\151\162\164\040\145\154\152\141\162\141\163\157
\153\040\141\154\141\160\152\141\156\040\153\145\163\172\165\154
\164\056\040\101\040\155\151\156\157\163\151\164\145\164\164\040
\145\154\145\153\164\162\157\156\151\153\165\163\040\141\154\141
\151\162\141\163\040\152\157\147\150\141\164\141\163\040\145\162
\166\145\156\171\145\163\165\154\145\163\145\156\145\153\054\040
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\163\057\040\143\151\155\145\156\040\166\141\147\171\040\153\145
\162\150\145\164\157\153\040\141\172\040\151\156\146\157\100\156
\145\164\154\157\143\153\056\156\145\164\040\145\055\155\141\151
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\145\164\060\035\006\003\125\035\016\004\026\004\024\011\152\142
\026\222\260\132\273\125\016\313\165\062\072\062\345\262\041\311
\050\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\221\152\120\234\333\170\201\233\077\213\102
\343\073\374\246\303\356\103\340\317\363\342\200\065\111\105\166
\002\342\343\057\005\305\361\052\347\300\101\063\306\266\233\320
\063\071\315\300\333\241\255\154\067\002\114\130\101\073\362\227
\222\306\110\250\315\345\212\071\211\141\371\122\227\351\275\366
\371\224\164\350\161\016\274\167\206\303\006\314\132\174\112\176
\064\120\060\056\373\177\062\232\215\075\363\040\133\370\152\312
\206\363\061\114\054\131\200\002\175\376\070\311\060\165\034\267
\125\343\274\237\272\250\155\204\050\005\165\263\213\015\300\221
\124\041\347\246\013\264\231\365\121\101\334\315\243\107\042\331
\307\001\201\304\334\107\117\046\352\037\355\333\315\015\230\364
\243\234\264\163\062\112\226\231\376\274\177\310\045\130\370\130
\363\166\146\211\124\244\246\076\304\120\134\272\211\030\202\165
\110\041\322\117\023\350\140\176\007\166\333\020\265\121\346\252
\271\150\252\315\366\235\220\165\022\352\070\032\312\104\350\267
\231\247\052\150\225\146\225\253\255\357\211\313\140\251\006\022
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END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado"

Issuer: 1.2.840.113549.1.9.1=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Serial Number: 123 (0x7b)

Subject: 1.2.840.113549.1.9.1=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Not Valid Before: Sun Mar 30 01:47:11 2003

Not Valid After: Thu Dec 15 01:47:11 2022

Fingerprint (MD5): d4:80:65:68:24:f9:89:22:28:db:f5:a4:9a:17:8f:14

Fingerprint (SHA1): 01:68:97:e1:a0:b8:f2:c3:b1:34:66:5c:20:a7:27:b7:a1:58:e2:8f

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\001\150\227\341\240\270\362\303\261\064\146\134\040\247\047\267
\241\130\342\217

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\324\200\145\150\044\371\211\042\050\333\365\244\232\027\217\024

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\311\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\023\010\102\165\144\141\160
\145\163\164\061\047\060\045\006\003\125\004\012\023\036\116\145
\164\114\157\143\153\040\110\141\154\157\172\141\164\142\151\172
\164\157\156\163\141\147\151\040\113\146\164\056\061\032\060\030
\006\003\125\004\013\023\021\124\141\156\165\163\151\164\166\141
\156\171\153\151\141\144\157\153\061\102\060\100\006\003\125\004
\003\023\071\116\145\164\114\157\143\153\040\115\151\156\157\163
\151\164\145\164\164\040\113\157\172\152\145\147\171\172\157\151
\040\050\103\154\141\163\163\040\121\101\051\040\124\141\156\165
\163\151\164\166\141\156\171\153\151\141\144\157\061\036\060\034
\006\011\052\206\110\206\367\015\001\011\001\026\017\151\156\146
\157\100\156\145\164\154\157\143\153\056\150\165

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\173

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE


```
# Microsoft Code Signing Only Certificate
# Certificate "A-CERT ADVANCED"
# Issuer: 1.2.840.113549.1.9.1=info@a-cert.at,CN=A-CERT ADVANCED,OU=A-CERT Certification
Service,O=ARGE DATEN - Austrian Society for Data Protection,L=Vienna,ST=Austria,C=AT
# Serial Number: 0 (0x0)
# Subject: 1.2.840.113549.1.9.1=info@a-cert.at,CN=A-CERT ADVANCED,OU=A-CERT Certification
Service,O=ARGE DATEN - Austrian Society for Data Protection,L=Vienna,ST=Austria,C=AT
# Not Valid Before: Sat Oct 23 14:14:14 2004
# Not Valid After: Sun Oct 23 14:14:14 2011
# Fingerprint (MD5): b4:4a:db:e8:59:16:46:1e:5a:d8:6e:da:06:43:52:62
# Fingerprint (SHA1): 29:64:b6:86:13:5b:5d:fd:dd:32:53:a8:9b:bc:24:d7:4b:08:c6:4d
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "A-CERT ADVANCED"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\314\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\020\060\016\006\003\125\004\010\023\007\101\165\163\164\162
\151\141\061\017\060\015\006\003\125\004\007\023\006\126\151\145
\156\156\141\061\072\060\070\006\003\125\004\012\023\061\101\122
\107\105\040\104\101\124\105\116\040\055\040\101\165\163\164\162
\151\141\156\040\123\157\143\151\145\164\171\040\146\157\162\040
\104\141\164\141\040\120\162\157\164\145\143\164\151\157\156\061
\045\060\043\006\003\125\004\013\023\034\101\055\103\105\122\124
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123
\145\162\166\151\143\145\061\030\060\026\006\003\125\004\003\023
\017\101\055\103\105\122\124\040\101\104\126\101\116\103\105\104
\061\035\060\033\006\011\052\206\110\206\367\015\001\011\001\026
\016\151\156\146\157\100\141\055\143\145\162\164\056\141\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\314\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\020\060\016\006\003\125\004\010\023\007\101\165\163\164\162
\151\141\061\017\060\015\006\003\125\004\007\023\006\126\151\145
\156\156\141\061\072\060\070\006\003\125\004\012\023\061\101\122
\107\105\040\104\101\124\105\116\040\055\040\101\165\163\164\162
\151\141\156\040\123\157\143\151\145\164\171\040\146\157\162\040
\104\141\164\141\040\120\162\157\164\145\143\164\151\157\156\061
\045\060\043\006\003\125\004\013\023\034\101\055\103\105\122\124
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123
\145\162\166\151\143\145\061\030\060\026\006\003\125\004\003\023
\017\101\055\103\105\122\124\040\101\104\126\101\116\103\105\104
\061\035\060\033\006\011\052\206\110\206\367\015\001\011\001\026
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END
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CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

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\201\314\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\020\060\016\006\003\125\004\010\023\007\101\165\163\164\162\151
\141\061\017\060\015\006\003\125\004\007\023\006\126\151\145\156
\156\141\061\072\060\070\006\003\125\004\012\023\061\101\122\107
\105\040\104\101\124\105\116\040\055\040\101\165\163\164\162\151
\141\156\040\123\157\143\151\145\164\171\040\146\157\162\040\104
\141\164\141\040\120\162\157\164\145\143\164\151\157\156\061\045
\060\043\006\003\125\004\013\023\034\101\055\103\105\122\124\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\061\030\060\026\006\003\125\004\003\023\017
\101\055\103\105\122\124\040\101\104\126\101\116\103\105\104\061
\035\060\033\006\011\052\206\110\206\367\015\001\011\001\026\016
\151\156\146\157\100\141\055\143\145\162\164\056\141\164\060\036
\027\015\060\064\061\060\062\063\061\064\061\064\061\064\132\027
\015\061\061\061\060\062\063\061\064\061\064\061\064\132\060\201
\314\061\013\060\011\006\003\125\004\006\023\002\101\124\061\020
\060\016\006\003\125\004\010\023\007\101\165\163\164\162\151\141
\061\017\060\015\006\003\125\004\007\023\006\126\151\145\156\156
\141\061\072\060\070\006\003\125\004\012\023\061\101\122\107\105
\040\104\101\124\105\116\040\055\040\101\165\163\164\162\151\141
\156\040\123\157\143\151\145\164\171\040\146\157\162\040\104\141
\164\141\040\120\162\157\164\145\143\164\151\157\156\061\045\060
\043\006\003\125\004\013\023\034\101\055\103\105\122\124\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145\162
\166\151\143\145\061\030\060\026\006\003\125\004\003\023\017\101
\055\103\105\122\124\040\101\104\126\101\116\103\105\104\061\035
\060\033\006\011\052\206\110\206\367\015\001\011\001\026\016\151
\156\146\157\100\141\055\143\145\162\164\056\141\164\060\202\001
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\227\043\057\246\235\376\201\140\246\312\371\001\371\223\256\375
\265\101\152\171\077\043\225\234\114\173\017\036\066\041\356\303
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\076\261\260\030\236\321\006\023\315\017\370\230\065\204\000\314
\173\341\153\345\135\033\163\244\022\336\011\025\265\365\002\133
\364\110\275\363\014\337\332\061\276\152\211\230\350\017\234\225
\073\037\257\247\230\273\154\253\255\155\277\331\025\046\057\366
\341\216\160\135\155\350\165\353\173\332\301\171\354\112\006\352
\316\374\303\100\124\124\263\134\062\170\022\365\266\131\316\147
\106\337\367\172\045\271\006\202\203\105\377\300\334\200\040\111
\133\373\164\046\267\010\317\052\151\134\203\225\265\114\363\072
\272\324\363\254\356\122\004\367\106\331\045\346\110\306\354\061

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\221\023\171\320\164\051\264\250\044\330\060\201\371\006\003\125
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\140\312\044\324\221\023\171\320\164\051\264\250\044\330\241\201
\322\244\201\317\060\201\314\061\013\060\011\006\003\125\004\006
\023\002\101\124\061\020\060\016\006\003\125\004\010\023\007\101
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\006\126\151\145\156\156\141\061\072\060\070\006\003\125\004\012
\023\061\101\122\107\105\040\104\101\124\105\116\040\055\040\101
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\151\157\156\061\045\060\043\006\003\125\004\013\023\034\101\055
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\157\156\040\123\145\162\166\151\143\145\061\030\060\026\006\003
\125\004\003\023\017\101\055\103\105\122\124\040\101\104\126\101
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\004\005\060\003\001\001\377\060\013\006\003\125\035\017\004\004
\003\002\001\346\060\107\006\003\125\035\045\004\100\060\076\006
\010\053\006\001\005\005\007\003\001\006\010\053\006\001\005\005
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\010\006\012\053\006\001\004\001\202\067\012\003\004\060\021\006
\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000\377
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\143\141\164\145\055\160\157\154\151\143\171\056\150\164\155\154
\060\031\006\003\125\035\021\004\022\060\020\201\016\151\156\146
\157\100\141\055\143\145\162\164\056\141\164\060\057\006\003\125
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\145\162\164\056\141\164\206\024\150\164\164\160\072\057\057\167
\167\167\056\141\055\143\145\162\164\056\141\164\060\105\006\003
\125\035\037\004\076\060\074\060\072\240\070\240\066\206\064\150
\164\164\160\163\072\057\057\163\145\143\165\162\145\056\141\055
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\143\147\151\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\003\202\001\001\000\045\365\042\370\037\164\155\253\275
\373\367\344\356\074\275\041\057\161\126\204\166\123\174\121\041
\101\035\154\367\045\020\050\316\014\357\150\033\160\036\110\312
\147\013\171\227\360\126\072\330\333\274\167\321\214\073\173\212
\071\101\021\314\116\072\263\102\325\367\362\060\174\007\255\172
\157\175\376\230\245\016\160\237\031\210\140\104\034\121\030\206
\034\312\253\270\105\364\132\113\203\066\004\212\301\347\354\201
\173\066\355\347\201\152\341\340\064\145\134\115\201\365\256\141
\356\375\234\213\244\274\116\310\224\066\074\054\300\324\074\326
\336\265\244\041\177\166\242\002\173\225\064\135\132\266\361\301
\102\365\134\150\247\306\171\332\103\276\076\377\055\051\043\322
\115\022\376\342\163\153\151\223\007\221\062\231\036\165\242\326
\232\300\265\372\212\337\051\067\233\262\016\275\150\306\202\307
\272\072\214\323\215\106\144\177\355\065\132\075\377\077\223\250
\071\331\301\331\365\205\243\102\373\251\333\146\371\255\154\106
\047\232\371\055\236\057\010\371\205\343\344\370\226\353\143\121
\200\032\376\121\256\101\070
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "A-CERT ADVANCED"
# Issuer: 1.2.840.113549.1.9.1=info@a-cert.at,CN=A-CERT ADVANCED,OU=A-CERT Certification
Service,O=ARGE DATEN - Austrian Society for Data Protection,L=Vienna,ST=Austria,C=AT
# Serial Number: 0 (0x0)
# Subject: 1.2.840.113549.1.9.1=info@a-cert.at,CN=A-CERT ADVANCED,OU=A-CERT Certification
Service,O=ARGE DATEN - Austrian Society for Data Protection,L=Vienna,ST=Austria,C=AT
# Not Valid Before: Sat Oct 23 14:14:14 2004
# Not Valid After: Sun Oct 23 14:14:14 2011
# Fingerprint (MD5): b4:4a:db:e8:59:16:46:1e:5a:d8:6e:da:06:43:52:62
# Fingerprint (SHA1): 29:64:b6:86:13:5b:5d:fd:dd:32:53:a8:9b:bc:24:d7:4b:08:c6:4d
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "A-CERT ADVANCED"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\051\144\266\206\023\133\135\375\335\062\123\250\233\274\044\327
\113\010\306\115
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\264\112\333\350\131\026\106\036\132\330\156\332\006\103\122\142
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\314\061\013\060\011\006\003\125\004\006\023\002\101\124
```

```
\061\020\060\016\006\003\125\004\010\023\007\101\165\163\164\162
\151\141\061\017\060\015\006\003\125\004\007\023\006\126\151\145
\156\156\141\061\072\060\070\006\003\125\004\012\023\061\101\122
\107\105\040\104\101\124\105\116\040\055\040\101\165\163\164\162
\151\141\156\040\123\157\143\151\145\164\171\040\146\157\162\040
\104\141\164\141\040\120\162\157\164\145\143\164\151\157\156\061
\045\060\043\006\003\125\004\013\023\034\101\055\103\105\122\124
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123
\145\162\166\151\143\145\061\030\060\026\006\003\125\004\003\023
\017\101\055\103\105\122\124\040\101\104\126\101\116\103\105\104
\061\035\060\033\006\011\052\206\110\206\367\015\001\011\001\026
\016\151\156\146\157\100\141\055\143\145\162\164\056\141\164
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\001\000
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "A-Trust-Qual-01"

Issuer: CN=A-Trust-Qual-01,OU=A-Trust-Qual-01,O=A-Trust Ges. für Sicherheitssysteme im elektr.
Datenverkehr GmbH,C=AT

Serial Number: 57923 (0xe243)

Subject: CN=A-Trust-Qual-01,OU=A-Trust-Qual-01,O=A-Trust Ges. für Sicherheitssysteme im elektr.
Datenverkehr GmbH,C=AT

Not Valid Before: Tue Nov 30 23:00:00 2004

Not Valid After: Sun Nov 30 23:00:00 2014

Fingerprint (MD5): a7:71:fd:26:fc:3c:e5:40:f1:99:06:eb:c1:93:6d:e9

Fingerprint (SHA1): e6:19:d2:5b:38:0b:7b:13:fd:a3:3e:8a:58:cd:82:d8:a8:8e:05:15

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "A-Trust-Qual-01"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\201\317\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\201\213\060\201\210\006\003\125\004\012\036\201\200\000\101
\000\055\000\124\000\162\000\165\000\163\000\164\000\040\000\107
\000\145\000\163\000\056\000\040\000\146\000\374\000\162\000\040
\000\123\000\151\000\143\000\150\000\145\000\162\000\150\000\145
\000\151\000\164\000\163\000\163\000\171\000\163\000\164\000\145
\000\155\000\145\000\040\000\151\000\155\000\040\000\145\000\154
\000\145\000\153\000\164\000\162\000\056\000\040\000\104\000\141
\000\164\000\145\000\156\000\166\000\145\000\162\000\153\000\145
```

\000\150\000\162\000\040\000\107\000\155\000\142\000\110\061\030
\060\026\006\003\125\004\013\023\017\101\055\124\162\165\163\164
\055\121\165\141\154\055\060\061\061\030\060\026\006\003\125\004
\003\023\017\101\055\124\162\165\163\164\055\121\165\141\154\055
\060\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\317\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\201\213\060\201\210\006\003\125\004\012\036\201\200\000\101
\000\055\000\124\000\162\000\165\000\163\000\164\000\040\000\107
\000\145\000\163\000\056\000\040\000\146\000\374\000\162\000\040
\000\123\000\151\000\143\000\150\000\145\000\162\000\150\000\145
\000\151\000\164\000\163\000\163\000\171\000\163\000\164\000\145
\000\155\000\145\000\040\000\151\000\155\000\040\000\145\000\154
\000\145\000\153\000\164\000\162\000\056\000\040\000\104\000\141
\000\164\000\145\000\156\000\166\000\145\000\162\000\153\000\145
\000\150\000\162\000\040\000\107\000\155\000\142\000\110\061\030
\060\026\006\003\125\004\013\023\017\101\055\124\162\165\163\164
\055\121\165\141\154\055\060\061\061\030\060\026\006\003\125\004
\003\023\017\101\055\124\162\165\163\164\055\121\165\141\154\055
\060\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\003\000\342\103

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\123\060\202\003\073\240\003\002\001\002\002\003\000
\342\103\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\201\317\061\013\060\011\006\003\125\004\006\023\002\101
\124\061\201\213\060\201\210\006\003\125\004\012\036\201\200\000
\101\000\055\000\124\000\162\000\165\000\163\000\164\000\040\000
\107\000\145\000\163\000\056\000\040\000\146\000\374\000\162\000
\040\000\123\000\151\000\143\000\150\000\145\000\162\000\150\000
\145\000\151\000\164\000\163\000\163\000\171\000\163\000\164\000
\145\000\155\000\145\000\040\000\151\000\155\000\040\000\145\000
\154\000\145\000\153\000\164\000\162\000\056\000\040\000\104\000
\141\000\164\000\145\000\156\000\166\000\145\000\162\000\153\000
\145\000\150\000\162\000\040\000\107\000\155\000\142\000\110\061
\030\060\026\006\003\125\004\013\023\017\101\055\124\162\165\163
\164\055\121\165\141\154\055\060\061\061\030\060\026\006\003\125
\004\003\023\017\101\055\124\162\165\163\164\055\121\165\141\154
\055\060\061\060\036\027\015\060\064\061\061\063\060\062\063\060
\060\060\060\132\027\015\061\064\061\061\063\060\062\063\060\060
\060\060\132\060\201\317\061\013\060\011\006\003\125\004\006\023
\002\101\124\061\201\213\060\201\210\006\003\125\004\012\036\201
\200\000\101\000\055\000\124\000\162\000\165\000\163\000\164\000
\040\000\107\000\145\000\163\000\056\000\040\000\146\000\374\000

\162\000\040\000\123\000\151\000\143\000\150\000\145\000\162\000
\150\000\145\000\151\000\164\000\163\000\163\000\171\000\163\000
\164\000\145\000\155\000\145\000\040\000\151\000\155\000\040\000
\145\000\154\000\145\000\153\000\164\000\162\000\056\000\040\000
\104\000\141\000\164\000\145\000\156\000\166\000\145\000\162\000
\153\000\145\000\150\000\162\000\040\000\107\000\155\000\142\000
\110\061\030\060\026\006\003\125\004\013\023\017\101\055\124\162
\165\163\164\055\121\165\141\154\055\060\061\061\030\060\026\006
\003\125\004\003\023\017\101\055\124\162\165\163\164\055\121\165
\141\154\055\060\061\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\246\206\007\161\041\274\123\030\103\207
\175\161\242\173\002\067\064\131\135\001\142\205\131\362\350\174
\357\271\043\125\033\274\016\132\276\336\310\202\301\227\317\373
\110\375\376\107\031\106\332\261\302\064\213\274\106\322\332\225
\224\016\134\265\010\013\106\254\140\304\173\140\116\103\034\252
\300\004\141\333\063\334\266\154\011\325\316\325\012\357\020\021
\213\115\040\001\167\030\213\376\004\226\047\254\373\354\044\260
\307\265\340\323\141\360\304\365\174\331\310\306\221\041\167\020
\321\211\236\333\210\000\011\321\015\151\377\071\021\343\025\253
\115\107\051\250\061\261\332\070\106\127\110\150\137\355\216\105
\256\261\304\250\154\242\364\116\254\277\277\070\015\357\323\325
\244\357\262\111\374\161\147\224\230\074\357\377\372\046\210\157
\332\375\137\112\101\354\177\353\125\315\360\353\141\121\005\147
\137\353\277\226\042\366\064\254\173\340\215\202\374\150\007\137
\220\164\132\103\315\252\304\216\202\151\157\047\367\012\271\075
\017\275\345\040\124\120\300\003\112\030\006\007\004\324\240\314
\224\026\315\322\111\217\002\003\001\000\001\243\066\060\064\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\021\006\003\125\035\016\004\012\004\010\113\074\214\035\205
\351\157\255\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\003\202\001\001\000\041\113\254\230\234\314\045\030\220
\361\060\007\254\220\016\172\127\356\132\204\306\162\247\110\277
\264\362\263\367\315\227\154\205\331\370\357\035\077\011\323\126
\212\211\251\105\126\226\325\171\015\227\051\275\116\331\261\316
\101\200\012\202\307\131\332\066\177\261\322\366\121\121\121\114
\171\242\164\273\272\075\330\026\010\024\141\045\204\004\055\012
\051\204\357\120\126\367\341\000\015\023\301\261\022\142\244\363
\372\171\110\344\152\373\011\227\274\177\241\304\232\022\146\012
\325\020\261\324\002\271\361\240\225\030\170\117\353\110\032\043
\106\162\174\225\020\166\175\336\144\225\172\221\153\325\120\066
\364\044\321\076\327\256\032\060\074\326\067\200\317\332\136\142
\041\104\324\045\357\304\257\134\046\053\364\005\300\013\024\265
\246\000\060\250\104\274\310\105\230\100\372\300\060\141\111\260
\063\132\352\124\043\300\336\100\120\274\200\275\346\334\220\274
\334\266\164\155\025\263\343\272\077\002\332\065\177\354\271\051
\104\225\015\072\137\151\165\127\003\032\141\276\057\144\241\152

```

\067\106\316\204\025\304\126
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Trust for "A-Trust-Qual-01"
# Issuer: CN=A-Trust-Qual-01,OU=A-Trust-Qual-01,O=A-Trust Ges. für Sicherheitssysteme im elektr.
Datenverkehr GmbH,C=AT
# Serial Number: 57923 (0xe243)
# Subject: CN=A-Trust-Qual-01,OU=A-Trust-Qual-01,O=A-Trust Ges. für Sicherheitssysteme im elektr.
Datenverkehr GmbH,C=AT
# Not Valid Before: Tue Nov 30 23:00:00 2004
# Not Valid After: Sun Nov 30 23:00:00 2014
# Fingerprint (MD5): a7:71:fd:26:fc:3c:e5:40:f1:99:06:eb:c1:93:6d:e9
# Fingerprint (SHA1): e6:19:d2:5b:38:0b:7b:13:fd:a3:3e:8a:58:cd:82:d8:a8:8e:05:15
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "A-Trust-Qual-01"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\346\031\322\133\070\013\173\023\375\243\076\212\130\315\202\330
\250\216\005\025
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\247\161\375\046\374\074\345\100\361\231\006\353\301\223\155\351
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\317\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\201\213\060\201\210\006\003\125\004\012\036\201\200\000\101
\000\055\000\124\000\162\000\165\000\163\000\164\000\040\000\107
\000\145\000\163\000\056\000\040\000\146\000\374\000\162\000\040
\000\123\000\151\000\143\000\150\000\145\000\162\000\150\000\145
\000\151\000\164\000\163\000\163\000\171\000\163\000\164\000\145
\000\155\000\145\000\040\000\151\000\155\000\040\000\145\000\154
\000\145\000\153\000\164\000\162\000\056\000\040\000\104\000\141
\000\164\000\145\000\156\000\166\000\145\000\162\000\153\000\145
\000\150\000\162\000\040\000\107\000\155\000\142\000\110\061\030
\060\026\006\003\125\004\013\023\017\101\055\124\162\165\163\164
\055\121\165\141\154\055\060\061\061\030\060\026\006\003\125\004
\003\023\017\101\055\124\162\165\163\164\055\121\165\141\154\055
\060\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\000\342\103
END

```


CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "A-Trust-nQual-01"
Issuer: CN=A-Trust-nQual-01,OU=A-Trust-nQual-01,O=A-Trust,C=AT
Serial Number: 57922 (0xe242)
Subject: CN=A-Trust-nQual-01,OU=A-Trust-nQual-01,O=A-Trust,C=AT
Not Valid Before: Tue Nov 30 23:00:00 2004
Not Valid After: Sun Nov 30 23:00:00 2014
Fingerprint (MD5): c9:19:62:d0:da:7e:10:20:fc:a4:cd:03:80:87:2d:f5
Fingerprint (SHA1): 51:a4:4c:28:f3:13:e3:f9:cb:5e:7c:0a:1e:0e:0d:d2:84:37:58:ae

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "A-Trust-nQual-01"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

\060\125\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\020\060\016\006\003\125\004\012\023\007\101\055\124\162\165\163
\164\061\031\060\027\006\003\125\004\013\023\020\101\055\124\162
\165\163\164\055\156\121\165\141\154\055\060\061\061\031\060\027
\006\003\125\004\003\023\020\101\055\124\162\165\163\164\055\156
\121\165\141\154\055\060\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\125\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\020\060\016\006\003\125\004\012\023\007\101\055\124\162\165\163
\164\061\031\060\027\006\003\125\004\013\023\020\101\055\124\162
\165\163\164\055\156\121\165\141\154\055\060\061\061\031\060\027
\006\003\125\004\003\023\020\101\055\124\162\165\163\164\055\156
\121\165\141\154\055\060\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\003\000\342\102

END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\135\060\202\002\105\240\003\002\001\002\002\003\000
\342\102\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\125\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\020\060\016\006\003\125\004\012\023\007\101\055\124\162\165
\163\164\061\031\060\027\006\003\125\004\013\023\020\101\055\124
\162\165\163\164\055\156\121\165\141\154\055\060\061\061\031\060
\027\006\003\125\004\003\023\020\101\055\124\162\165\163\164\055

\156\121\165\141\154\055\060\061\060\036\027\015\060\064\061\061
\063\060\062\063\060\060\060\060\132\027\015\061\064\061\061\063
\060\062\063\060\060\060\060\132\060\125\061\013\060\011\006\003
\125\004\006\023\002\101\124\061\020\060\016\006\003\125\004\012
\023\007\101\055\124\162\165\163\164\061\031\060\027\006\003\125
\004\013\023\020\101\055\124\162\165\163\164\055\156\121\165\141
\154\055\060\061\061\031\060\027\006\003\125\004\003\023\020\101
\055\124\162\165\163\164\055\156\121\165\141\154\055\060\061\060
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000
\377\365\034\200\021\236\236\036\150\130\314\322\167\333\307\364
\216\147\122\120\130\272\022\244\152\073\026\367\214\163\117\114
\212\112\363\140\221\353\076\145\231\051\331\100\325\056\010\360
\376\206\326\315\145\367\335\330\062\225\007\116\215\073\046\165
\333\067\016\060\050\043\340\153\144\146\212\204\323\063\351\075
\075\333\246\201\071\346\171\031\145\357\352\130\105\377\353\214
\063\374\277\370\021\331\057\050\064\212\033\365\054\077\276\114
\266\140\225\143\231\266\022\016\367\105\121\121\317\207\034\004
\203\051\035\351\170\227\061\052\112\107\103\265\223\230\345\371
\344\254\115\367\336\034\172\356\174\152\333\133\330\360\114\237
\360\356\037\075\016\121\264\337\036\242\024\002\160\364\065\317
\254\251\123\124\173\067\330\317\106\231\310\373\054\314\072\054
\035\337\344\034\052\021\342\326\150\202\316\215\051\220\346\201
\324\054\046\176\304\362\066\137\052\123\103\111\120\277\123\153
\247\036\153\265\223\207\004\342\132\211\166\310\077\074\161\335
\234\313\177\074\306\226\315\221\372\302\076\146\115\030\272\025
\002\003\001\000\001\243\066\060\064\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\021\006\003\125\035
\016\004\012\004\010\116\131\316\307\002\062\207\060\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\353\322\075\107\130\124\364\146\345\366\365\173\133\260\007
\102\225\011\002\121\100\276\375\210\267\367\230\362\235\250\271
\005\017\125\244\231\212\106\212\264\006\053\010\077\332\257\067
\327\007\215\320\172\337\235\063\240\251\036\311\374\212\106\021
\275\002\236\076\065\357\334\113\337\370\055\133\307\002\100\212
\147\047\145\136\226\371\263\116\116\227\150\362\125\345\217\031
\046\174\337\231\345\057\227\316\362\266\266\325\055\077\201\055
\140\345\132\304\174\066\230\363\015\156\360\336\143\347\350\046
\110\201\237\162\230\214\146\233\061\244\174\232\206\152\241\376
\150\176\076\042\113\365\262\152\144\331\266\056\257\375\362\261
\237\133\310\043\357\356\132\107\061\127\220\323\347\352\375\034
\272\047\320\326\005\321\130\067\327\265\241\372\005\203\127\237
\125\146\217\235\163\002\103\157\351\036\142\243\005\142\212\251
\357\264\206\221\221\256\343\124\274\064\146\044\101\215\327\366
\263\107\106\100\333\055\372\112\140\071\262\350\326\247\244\341
\065\020\165\265\376\303\122\024\013\070\336\246\131\050\221\020
\306

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Trust for "A-Trust-nQual-01"
# Issuer: CN=A-Trust-nQual-01,OU=A-Trust-nQual-01,O=A-Trust,C=AT
# Serial Number: 57922 (0xe242)
# Subject: CN=A-Trust-nQual-01,OU=A-Trust-nQual-01,O=A-Trust,C=AT
# Not Valid Before: Tue Nov 30 23:00:00 2004
# Not Valid After: Sun Nov 30 23:00:00 2014
# Fingerprint (MD5): c9:19:62:d0:da:7e:10:20:fc:a4:cd:03:80:87:2d:f5
# Fingerprint (SHA1): 51:a4:4c:28:f3:13:e3:f9:cb:5e:7c:0a:1e:0e:0d:d2:84:37:58:ae
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "A-Trust-nQual-01"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\121\244\114\050\363\023\343\371\313\136\174\012\036\016\015\322
\204\067\130\256
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\311\031\142\320\332\176\020\040\374\244\315\003\200\207\055\365
END
CKA_ISSUER MULTILINE_OCTAL
\060\125\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\020\060\016\006\003\125\004\012\023\007\101\055\124\162\165\163
\164\061\031\060\027\006\003\125\004\013\023\020\101\055\124\162
\165\163\164\055\156\121\165\141\154\055\060\061\061\031\060\027
\006\003\125\004\003\023\020\101\055\124\162\165\163\164\055\156
\121\165\141\154\055\060\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\000\342\102
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Staat der Nederlanden Root CA"
# Issuer: CN=Staat der Nederlanden Root CA,O=Staat der Nederlanden,C=NL
# Serial Number:98:96:8a
# Subject: CN=Staat der Nederlanden Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Tue Dec 17 09:23:49 2002

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# Not Valid After: Wed Dec 16 09:15:38 2015
# Fingerprint (MD5): 60:84:7c:5a:ce:db:0c:d4:cb:a7:e9:fe:02:c6:a9:c0
# Fingerprint (SHA1): 10:1d:fa:3f:d5:0b:cb:bb:9b:b5:60:0c:19:55:a4:1a:f4:73:3a:04
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\125\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\023\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\046\060\044\006\003\125\004\003\023\035\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\125\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\023\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\046\060\044\006\003\125\004\003\023\035\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\212
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\272\060\202\002\242\240\003\002\001\002\002\004\000
\230\226\212\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\125\061\013\060\011\006\003\125\004\006\023\002\116
\114\061\036\060\034\006\003\125\004\012\023\025\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\061\046\060\044\006\003\125\004\003\023\035\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\040\122\157\157\164\040\103\101\060\036\027\015\060\062\061
\062\061\067\060\071\062\063\064\071\132\027\015\061\065\061\062
\061\066\060\071\061\065\063\070\132\060\125\061\013\060\011\006
\003\125\004\006\023\002\116\114\061\036\060\034\006\003\125\004
\012\023\025\123\164\141\141\164\040\144\145\162\040\116\145\144
\145\162\154\141\156\144\145\156\061\046\060\044\006\003\125\004
\003\023\035\123\164\141\141\164\040\144\145\162\040\116\145\144
\145\162\154\141\156\144\145\156\040\122\157\157\164\040\103\101
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001
\000\230\322\265\121\021\172\201\246\024\230\161\155\276\314\347
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\023\033\326\047\016\172\263\152\030\034\266\141\132\325\141\011
\277\336\220\023\307\147\356\335\363\332\305\014\022\236\065\125
\076\054\047\210\100\153\367\334\335\042\141\365\302\307\016\365
\366\325\166\123\115\217\214\274\030\166\067\205\235\350\312\111
\307\322\117\230\023\011\242\076\042\210\234\177\326\362\020\145
\264\356\137\030\325\027\343\370\305\375\342\235\242\357\123\016
\205\167\242\017\341\060\107\356\000\347\063\175\104\147\032\013
\121\350\213\240\236\120\230\150\064\122\037\056\155\001\362\140
\105\362\061\353\251\061\150\051\273\172\101\236\306\031\177\224
\264\121\071\003\177\262\336\247\062\233\264\107\216\157\264\112
\256\345\257\261\334\260\033\141\274\231\162\336\344\211\267\172
\046\135\332\063\111\133\122\234\016\365\212\255\303\270\075\350
\006\152\302\325\052\013\154\173\204\275\126\005\313\206\145\222
\354\104\053\260\216\271\334\160\013\106\332\255\274\143\210\071
\372\333\152\376\043\372\274\344\110\364\147\053\152\021\020\041
\111\002\003\001\000\001\243\201\221\060\201\216\060\014\006\003
\125\035\023\004\005\060\003\001\001\377\060\117\006\003\125\035
\040\004\110\060\106\060\104\006\004\125\035\040\000\060\074\060
\072\006\010\053\006\001\005\005\007\002\001\026\056\150\164\164
\160\072\057\057\167\167\167\056\160\153\151\157\166\145\162\150
\145\151\144\056\156\154\057\160\157\154\151\143\151\145\163\057
\162\157\157\164\055\160\157\154\151\143\171\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125
\035\016\004\026\004\024\250\175\353\274\143\244\164\023\164\000
\354\226\340\323\064\301\054\277\154\370\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\005\204
\207\125\164\066\141\301\273\321\324\306\025\250\023\264\237\244
\376\273\356\025\264\057\006\014\051\362\250\222\244\141\015\374
\253\134\010\133\121\023\053\115\302\052\141\310\370\011\130\374
\055\002\262\071\175\231\146\201\277\156\134\225\105\040\154\346
\171\247\321\330\034\051\374\302\040\047\121\310\361\174\135\064
\147\151\205\021\060\306\000\322\327\363\323\174\266\360\061\127
\050\022\202\163\351\063\057\246\125\264\013\221\224\107\234\372
\273\172\102\062\350\256\176\055\310\274\254\024\277\331\017\331
\133\374\301\371\172\225\341\175\176\226\374\161\260\302\114\310
\337\105\064\311\316\015\362\234\144\010\320\073\303\051\305\262
\355\220\004\301\261\051\221\305\060\157\301\251\162\063\314\376
\135\026\027\054\021\151\347\176\376\305\203\010\337\274\334\042
\072\056\040\151\043\071\126\140\147\220\213\056\166\071\373\021
\210\227\366\174\275\113\270\040\026\147\005\215\342\073\301\162
\077\224\225\067\307\135\271\236\330\223\241\027\217\377\014\146
\025\301\044\174\062\174\003\035\073\241\130\105\062\223

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

```
# Trust for "Staat der Nederlanden Root CA"
# Issuer: CN=Staat der Nederlanden Root CA,O=Staat der Nederlanden,C=NL
# Serial Number:98:96:8a
# Subject: CN=Staat der Nederlanden Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Tue Dec 17 09:23:49 2002
# Not Valid After: Wed Dec 16 09:15:38 2015
# Fingerprint (MD5): 60:84:7c:5a:ce:db:0c:d4:cb:a7:e9:fe:02:c6:a9:c0
# Fingerprint (SHA1): 10:1d:fa:3f:d5:0b:cb:bb:9b:b5:60:0c:19:55:a4:1a:f4:73:3a:04
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\020\035\372\077\325\013\313\273\233\265\140\014\031\125\244\032
\364\163\072\004
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\140\204\174\132\316\333\014\324\313\247\351\376\002\306\251\300
END
CKA_ISSUER MULTILINE_OCTAL
\060\125\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\023\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\046\060\044\006\003\125\004\003\023\035\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\212
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Serasa Certificate Authority II"
# Issuer: CN=Serasa Certificate Authority II,OU=Serasa CA II,O=Serasa S.A.,C=BR
# Serial Number:46:2b:56:c6:ef:a7:91:a0
# Subject: CN=Serasa Certificate Authority II,OU=Serasa CA II,O=Serasa S.A.,C=BR
# Not Valid Before: Fri Nov 26 12:34:48 2004
# Not Valid After: Thu Nov 21 12:44:48 2024
# Fingerprint (MD5): 1b:d7:5f:76:73:4c:c0:dc:98:ca:44:2b:cc:0f:78:dd
# Fingerprint (SHA1): 31:e2:c5:2c:e1:08:9b:ef:fd:da:db:26:dd:7c:78:2e:bc:40:37:bd
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Serasa Certificate Authority II"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\144\061\013\060\011\006\003\125\004\006\023\002\102\122\061
\024\060\022\006\003\125\004\012\023\013\123\145\162\141\163\141
\040\123\056\101\056\061\025\060\023\006\003\125\004\013\023\014
\123\145\162\141\163\141\040\103\101\040\111\111\061\050\060\046
\006\003\125\004\003\023\037\123\145\162\141\163\141\040\103\145
\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162
\151\164\171\040\111\111
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\144\061\013\060\011\006\003\125\004\006\023\002\102\122\061
\024\060\022\006\003\125\004\012\023\013\123\145\162\141\163\141
\040\123\056\101\056\061\025\060\023\006\003\125\004\013\023\014
\123\145\162\141\163\141\040\103\101\040\111\111\061\050\060\046
\006\003\125\004\003\023\037\123\145\162\141\163\141\040\103\145
\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162
\151\164\171\040\111\111
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\106\053\126\306\357\247\221\240
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\026\060\202\002\376\240\003\002\001\002\002\010\106
\053\126\306\357\247\221\240\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\144\061\013\060\011\006\003\125\004
\006\023\002\102\122\061\024\060\022\006\003\125\004\012\023\013
\123\145\162\141\163\141\040\123\056\101\056\061\025\060\023\006
\003\125\004\013\023\014\123\145\162\141\163\141\040\103\101\040
\111\111\061\050\060\046\006\003\125\004\003\023\037\123\145\162
\141\163\141\040\103\145\162\164\151\146\151\143\141\164\145\040
\101\165\164\150\157\162\151\164\171\040\111\111\060\036\027\015
\060\064\061\061\062\066\061\062\063\064\064\070\132\027\015\062
\064\061\061\062\061\061\062\064\064\064\070\132\060\144\061\013
\060\011\006\003\125\004\006\023\002\102\122\061\024\060\022\006
\003\125\004\012\023\013\123\145\162\141\163\141\040\123\056\101
\056\061\025\060\023\006\003\125\004\013\023\014\123\145\162\141
\163\141\040\103\101\040\111\111\061\050\060\046\006\003\125\004
\003\023\037\123\145\162\141\163\141\040\103\145\162\164\151\146
\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040
\111\111\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\255\037\211\262\146\235\133\267\251\325\345\362\140
\104\204\371\224\155\342\171\135\156\300\245\256\272\061\143\240
\251\236\121\136\134\156\007\331\112\105\164\137\215\236\151\070
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\266\050\103\222\256\117\202\240\374\066\121\065\076\215\240\347
\016\051\010\014\065\267\043\075\357\113\032\016\060\130\127\100
\000\022\361\200\232\200\043\112\301\240\206\215\101\070\210\120
\163\150\361\137\123\210\224\012\021\041\305\140\264\242\140\145
\053\030\372\020\073\221\222\077\370\325\142\116\276\126\136\305
\220\205\112\065\200\256\156\073\101\014\225\022\356\247\052\003
\116\274\147\075\113\200\031\022\342\164\056\135\353\110\271\117
\073\157\074\367\302\260\037\032\104\075\233\134\300\275\272\006
\145\014\347\164\147\037\311\144\076\367\237\215\054\033\101\222
\370\035\334\251\137\220\322\123\160\065\215\004\252\044\176\364
\315\245\046\116\350\366\363\070\025\060\276\255\032\363\107\044
\217\112\120\047\047\123\376\141\232\172\134\330\154\307\117\126
\364\051\054\245\243\024\227\337\142\015\274\222\043\133\243\112
\364\072\225\002\003\001\000\001\243\201\313\060\201\310\060\047
\006\003\125\035\045\004\040\060\036\006\010\053\006\001\005\005
\007\003\001\006\010\053\006\001\005\005\007\003\003\006\010\053
\006\001\005\005\007\003\010\060\135\006\003\125\035\037\004\126
\060\124\060\122\240\120\240\116\206\114\150\164\164\160\072\057
\057\167\167\167\056\143\145\162\164\151\146\151\143\141\144\157
\144\151\147\151\164\141\154\056\143\157\155\056\142\162\057\162
\145\160\157\163\151\164\157\162\151\157\057\163\145\162\141\163
\141\143\141\057\143\162\154\057\123\145\162\141\163\141\103\101
\111\111\056\143\162\154\060\035\006\003\125\035\016\004\026\004
\024\236\354\231\020\000\111\153\314\212\077\333\157\006\345\312
\024\030\162\223\203\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015
\001\001\005\005\000\003\202\001\001\000\240\013\266\247\335\315
\065\110\350\156\217\250\150\340\261\233\221\044\041\311\126\351
\232\365\356\160\241\064\260\344\174\076\252\312\227\350\200\377
\142\005\344\354\100\354\331\345\234\145\133\000\231\264\242\060
\105\004\134\057\265\320\223\257\332\221\005\351\337\231\061\365
\212\204\017\045\330\147\336\051\153\034\267\110\375\266\336\223
\022\257\167\252\001\351\303\341\060\024\252\137\170\250\107\177
\324\272\122\141\061\361\031\270\333\036\053\250\211\236\306\060
\162\221\006\260\043\251\003\031\150\362\247\004\253\356\316\122
\066\140\312\110\333\123\372\234\247\174\265\365\064\057\103\176
\254\364\204\266\225\062\245\244\276\351\152\252\213\101\231\312
\002\275\022\073\347\007\321\261\362\105\247\164\247\046\344\274
\150\157\314\031\041\360\224\312\310\102\137\376\071\367\333\072
\136\063\245\233\006\252\320\062\254\310\252\176\213\261\070\210
\277\346\114\350\240\345\217\234\104\036\036\040\036\360\057\141
\252\151\206\174\325\365\267\316\311\053\305\014\335\312\267\050
\302\005\336\147\031\253\055\215\243\147

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE


```
# Microsoft Code Signing Only Certificate
# Trust for "Serasa Certificate Authority II"
# Issuer: CN=Serasa Certificate Authority II,OU=Serasa CA II,O=Serasa S.A.,C=BR
# Serial Number:46:2b:56:c6:ef:a7:91:a0
# Subject: CN=Serasa Certificate Authority II,OU=Serasa CA II,O=Serasa S.A.,C=BR
# Not Valid Before: Fri Nov 26 12:34:48 2004
# Not Valid After: Thu Nov 21 12:44:48 2024
# Fingerprint (MD5): 1b:d7:5f:76:73:4c:c0:dc:98:ca:44:2b:cc:0f:78:dd
# Fingerprint (SHA1): 31:e2:c5:2c:e1:08:9b:ef:fd:da:db:26:dd:7c:78:2e:bc:40:37:bd
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Serasa Certificate Authority II"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\061\342\305\054\341\010\233\357\375\332\333\046\335\174\170\056
\274\100\067\275
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\033\327\137\166\163\114\300\334\230\312\104\053\314\017\170\335
END
CKA_ISSUER MULTILINE_OCTAL
\060\144\061\013\060\011\006\003\125\004\006\023\002\102\122\061
\024\060\022\006\003\125\004\012\023\013\123\145\162\141\163\141
\040\123\056\101\056\061\025\060\023\006\003\125\004\013\023\014
\123\145\162\141\163\141\040\103\101\040\111\111\061\050\060\046
\006\003\125\004\003\023\037\123\145\162\141\163\141\040\103\145
\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162
\151\164\171\040\111\111
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\106\053\126\306\357\247\221\240
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "TDC Internet"
# Issuer: OU=TDC Internet Root CA,O=TDC Internet,C=DK
# Serial Number:3a:cc:a5:4c
# Subject: OU=TDC Internet Root CA,O=TDC Internet,C=DK
# Not Valid Before: Thu Apr 05 16:33:17 2001
# Not Valid After: Mon Apr 05 17:03:17 2021
# Fingerprint (MD5): 91:f4:03:55:20:a1:f8:63:2c:62:de:ac:fb:61:1c:8e
# Fingerprint (SHA1): 21:fc:bd:8e:7f:6c:af:05:1b:d1:b3:43:ec:a8:e7:61:47:f2:0f:8a
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TDC Internet"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\104\113\061
\025\060\023\006\003\125\004\012\023\014\124\104\103\040\111\156
\164\145\162\156\145\164\061\035\060\033\006\003\125\004\013\023
\024\124\104\103\040\111\156\164\145\162\156\145\164\040\122\157
\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\104\113\061
\025\060\023\006\003\125\004\012\023\014\124\104\103\040\111\156
\164\145\162\156\145\164\061\035\060\033\006\003\125\004\013\023
\024\124\104\103\040\111\156\164\145\162\156\145\164\040\122\157
\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\072\314\245\114
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\053\060\202\003\023\240\003\002\001\002\002\004\072
\314\245\114\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\103\061\013\060\011\006\003\125\004\006\023\002\104
\113\061\025\060\023\006\003\125\004\012\023\014\124\104\103\040
\111\156\164\145\162\156\145\164\061\035\060\033\006\003\125\004
\013\023\024\124\104\103\040\111\156\164\145\162\156\145\164\040
\122\157\157\164\040\103\101\060\036\027\015\060\061\060\064\060\065
\061\067\060\063\061\067\132\060\103\061\013\060\011\006\003\125
\004\006\023\002\104\113\061\025\060\023\006\003\125\004\012\023
\014\124\104\103\040\111\156\164\145\162\156\145\164\061\035\060
\033\006\003\125\004\013\023\024\124\104\103\040\111\156\164\145
\162\156\145\164\040\122\157\157\164\040\103\101\060\202\001\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\001\017\000\060\202\001\012\002\202\001\001\000\304\270\100
\274\221\325\143\037\327\231\240\213\014\100\036\164\267\110\235
\106\214\002\262\340\044\137\360\031\023\247\067\203\153\135\307
\216\371\204\060\316\032\073\372\373\316\213\155\043\306\303\156
\146\237\211\245\337\340\102\120\147\372\037\154\036\364\320\005
\326\277\312\326\116\344\150\140\154\106\252\034\135\143\341\007
\206\016\145\000\247\056\246\161\306\274\271\201\250\072\175\032
\322\371\321\254\113\313\316\165\257\334\173\372\201\163\324\374
\272\275\101\210\324\164\263\371\136\070\072\074\103\250\322\225
```

\116\167\155\023\014\235\217\170\001\267\132\040\037\003\067\065
\342\054\333\113\053\054\170\271\111\333\304\320\307\234\234\344
\212\040\011\041\026\126\146\377\005\354\133\343\360\317\253\044
\044\136\303\177\160\172\022\304\322\265\020\240\266\041\341\215
\170\151\125\104\151\365\312\226\034\064\205\027\045\167\342\366
\057\047\230\170\375\171\006\072\242\326\132\103\301\377\354\004
\073\356\023\357\323\130\132\377\222\353\354\256\332\362\067\003
\107\101\266\227\311\055\012\101\042\273\273\346\247\002\003\001
\000\001\243\202\001\045\060\202\001\041\060\021\006\011\140\206
\110\001\206\370\102\001\001\004\004\003\002\000\007\060\145\006
\003\125\035\037\004\136\060\134\060\132\240\130\240\126\244\124
\060\122\061\013\060\011\006\003\125\004\006\023\002\104\113\061
\025\060\023\006\003\125\004\012\023\014\124\104\103\040\111\156
\164\145\162\156\145\164\061\035\060\033\006\003\125\004\013\023
\024\124\104\103\040\111\156\164\145\162\156\145\164\040\122\157
\157\164\040\103\101\061\015\060\013\006\003\125\004\003\023\004
\103\122\114\061\060\053\006\003\125\035\020\004\044\060\042\200
\017\062\060\060\061\060\064\060\065\061\066\063\063\061\067\132
\201\017\062\060\062\061\060\064\060\065\061\067\060\063\061\067
\132\060\013\006\003\125\035\017\004\004\003\002\001\006\060\037
\006\003\125\035\043\004\030\060\026\200\024\154\144\001\307\375
\205\155\254\310\332\236\120\010\205\010\265\074\126\250\120\060
\035\006\003\125\035\016\004\026\004\024\154\144\001\307\375\205
\155\254\310\332\236\120\010\205\010\265\074\126\250\120\060\014
\006\003\125\035\023\004\005\060\003\001\001\377\060\035\006\011
\052\206\110\206\366\175\007\101\000\004\020\060\016\033\010\126
\065\056\060\072\064\056\060\003\002\004\220\060\015\006\011\052
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\116
\103\314\321\335\035\020\033\006\177\267\244\372\323\331\115\373
\043\237\043\124\133\346\213\057\004\050\213\265\047\155\211\241
\354\230\151\334\347\215\046\203\005\171\164\354\264\271\243\227
\301\065\000\375\025\332\071\201\072\225\061\220\336\227\351\206
\250\231\167\014\345\132\240\204\377\022\026\254\156\270\215\303
\173\222\302\254\056\320\175\050\354\266\363\140\070\151\157\076
\330\004\125\076\236\314\125\322\272\376\273\107\004\327\012\331
\026\012\064\051\365\130\023\325\117\317\217\126\113\263\036\356
\323\230\171\332\010\036\014\157\270\370\026\047\357\302\157\075
\366\243\113\076\016\344\155\154\333\073\101\022\233\275\015\107
\043\177\074\112\320\257\300\257\366\357\033\265\025\304\353\203
\304\011\137\164\213\331\021\373\302\126\261\074\370\160\312\064
\215\103\100\023\214\375\231\003\124\171\306\056\352\206\241\366
\072\324\011\274\364\274\146\314\075\130\320\127\111\012\356\045
\342\101\356\023\371\233\070\064\321\000\365\176\347\224\035\374
\151\003\142\270\231\005\005\075\153\170\022\275\260\157\145

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Trust for "TDC Internet"
# Issuer: OU=TDC Internet Root CA,O=TDC Internet,C=DK
# Serial Number:3a:cc:a5:4c
# Subject: OU=TDC Internet Root CA,O=TDC Internet,C=DK
# Not Valid Before: Thu Apr 05 16:33:17 2001
# Not Valid After: Mon Apr 05 17:03:17 2021
# Fingerprint (MD5): 91:f4:03:55:20:a1:f8:63:2c:62:de:ac:fb:61:1c:8e
# Fingerprint (SHA1): 21:fc:bd:8e:7f:6c:af:05:1b:d1:b3:43:ec:a8:e7:61:47:f2:0f:8a
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TDC Internet"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\041\374\275\216\177\154\257\005\033\321\263\103\354\250\347\141
\107\362\017\212
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\221\364\003\125\040\241\370\143\054\142\336\254\373\141\034\216
END
CKA_ISSUER MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\104\113\061
\025\060\023\006\003\125\004\012\023\014\124\104\103\040\111\156
\164\145\162\156\145\164\061\035\060\033\006\003\125\004\013\023
\024\124\104\103\040\111\156\164\145\162\156\145\164\040\122\157
\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\072\314\245\114
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "America Online Root Certification Authority 2"
# Issuer: CN=America Online Root Certification Authority 2,O=America Online Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=America Online Root Certification Authority 2,O=America Online Inc.,C=US
# Not Valid Before: Tue May 28 06:00:00 2002
# Not Valid After: Tue Sep 29 14:08:00 2037
# Fingerprint (MD5): d6:ed:3c:ca:e2:66:0f:af:10:43:0d:77:9b:04:09:bf
# Fingerprint (SHA1): 85:b5:ff:67:9b:0c:79:96:1f:c8:6e:44:22:00:46:13:db:17:92:84
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "America Online Root Certification Authority 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\034\060\032\006\003\125\004\012\023\023\101\155\145\162\151\143
\141\040\117\156\154\151\156\145\040\111\156\143\056\061\066\060
\064\006\003\125\004\003\023\055\101\155\145\162\151\143\141\040
\117\156\154\151\156\145\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\034\060\032\006\003\125\004\012\023\023\101\155\145\162\151\143
\141\040\117\156\154\151\156\145\040\111\156\143\056\061\066\060
\064\006\003\125\004\003\023\055\101\155\145\162\151\143\141\040
\117\156\154\151\156\145\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\244\060\202\003\214\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061\034
\060\032\006\003\125\004\012\023\023\101\155\145\162\151\143\141
\040\117\156\154\151\156\145\040\111\156\143\056\061\066\060\064
\006\003\125\004\003\023\055\101\155\145\162\151\143\141\040\117
\156\154\151\156\145\040\122\157\157\164\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\062\060\036\027\015\060\062\060\065\062\070\060\066
\060\060\060\060\132\027\015\063\067\060\071\062\071\061\064\060
\070\060\060\132\060\143\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\034\060\032\006\003\125\004\012\023\023\101\155
\145\162\151\143\141\040\117\156\154\151\156\145\040\111\156\143
\056\061\066\060\064\006\003\125\004\003\023\055\101\155\145\162
\151\143\141\040\117\156\154\151\156\145\040\122\157\157\164\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165
\164\150\157\162\151\164\171\040\062\060\202\002\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017
\000\060\202\002\012\002\202\002\001\000\314\101\105\035\351\075
\115\020\366\214\261\101\311\340\136\313\015\267\277\107\163\323
\360\125\115\335\306\014\372\261\146\005\152\315\170\264\334\002
```

\333\116\201\363\327\247\174\161\274\165\143\240\135\343\007\014
\110\354\045\304\003\040\364\377\016\073\022\377\233\215\341\306
\325\033\264\155\042\343\261\333\177\041\144\257\206\274\127\042
\052\326\107\201\127\104\202\126\123\275\206\024\001\013\374\177
\164\244\132\256\361\272\021\265\233\130\132\200\264\067\170\011
\063\174\062\107\003\134\304\245\203\110\364\127\126\156\201\066
\047\030\117\354\233\050\302\324\264\327\174\014\076\014\053\337
\312\004\327\306\216\352\130\116\250\244\245\030\034\154\105\230
\243\101\321\055\322\307\155\215\031\361\255\171\267\201\077\275
\006\202\047\055\020\130\005\265\170\005\271\057\333\014\153\220
\220\176\024\131\070\273\224\044\023\345\321\235\024\337\323\202
\115\106\360\200\071\122\062\017\343\204\262\172\103\362\136\336
\137\077\035\335\343\262\033\240\241\052\043\003\156\056\001\025
\207\134\246\165\165\307\227\141\276\336\206\334\324\110\333\275
\052\277\112\125\332\350\175\120\373\264\200\027\270\224\277\001
\075\352\332\272\174\340\130\147\027\271\130\340\210\206\106\147
\154\235\020\107\130\062\320\065\174\171\052\220\242\132\020\021
\043\065\255\057\314\344\112\133\247\310\047\362\203\336\136\273
\136\167\347\350\245\156\143\302\015\135\141\320\214\322\154\132
\041\016\312\050\243\316\052\351\225\307\110\317\226\157\035\222
\045\310\306\306\301\301\014\005\254\046\304\322\165\322\341\052
\147\300\075\133\245\232\353\317\173\032\250\235\024\105\345\017
\240\232\145\336\057\050\275\316\157\224\146\203\110\051\330\352
\145\214\257\223\331\144\237\125\127\046\277\157\313\067\061\231
\243\140\273\034\255\211\064\062\142\270\103\041\006\162\014\241
\134\155\106\305\372\051\317\060\336\211\334\161\133\335\266\067
\076\337\120\365\270\007\045\046\345\274\265\376\074\002\263\267
\370\276\103\301\207\021\224\236\043\154\027\212\270\212\047\014
\124\107\360\251\263\300\200\214\240\047\353\035\031\343\007\216
\167\160\312\053\364\175\166\340\170\147\002\003\001\000\001\243
\143\060\141\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\115
\105\301\150\070\273\163\251\151\241\040\347\355\365\042\241\043
\024\327\236\060\037\006\003\125\035\043\004\030\060\026\200\024
\115\105\301\150\070\273\163\251\151\241\040\347\355\365\042\241
\043\024\327\236\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\206\060\015\006\011\052\206\110\206\367\015\001\001
\005\005\000\003\202\002\001\000\147\153\006\271\137\105\073\052
\113\063\263\346\033\153\131\116\042\314\271\267\244\045\311\247
\304\360\124\226\013\144\363\261\130\117\136\121\374\262\227\173
\047\145\302\345\312\347\015\014\045\173\142\343\372\237\264\207
\267\105\106\257\203\245\227\110\214\245\275\361\026\053\233\166
\054\172\065\140\154\021\200\227\314\251\222\122\346\053\346\151
\355\251\370\066\055\054\167\277\141\110\321\143\013\271\133\122
\355\030\260\103\102\042\246\261\167\256\336\151\305\315\307\034
\241\261\245\034\020\373\030\276\032\160\335\301\222\113\276\051
\132\235\077\065\276\345\175\121\370\125\340\045\165\043\207\036
\134\334\272\235\260\254\263\151\333\027\203\311\367\336\014\274

```
\010\334\221\236\250\320\327\025\067\163\245\065\270\374\176\305
\104\100\006\303\353\370\042\200\134\107\316\002\343\021\237\104
\377\375\232\062\314\175\144\121\016\353\127\046\166\072\343\036
\042\074\302\246\066\335\031\357\247\374\022\363\046\300\131\061
\205\114\234\330\317\337\244\314\314\051\223\377\224\155\166\134
\023\010\227\362\355\245\013\115\335\350\311\150\016\146\323\000
\016\063\022\133\274\225\345\062\220\250\263\306\154\203\255\167
\356\213\176\176\261\251\253\323\341\361\266\300\261\352\210\300
\347\323\220\351\050\222\224\173\150\173\227\052\012\147\055\205
\002\070\020\344\003\141\324\332\045\066\307\010\130\055\241\247
\121\257\060\012\111\365\246\151\207\007\055\104\106\166\216\052
\345\232\073\327\030\242\374\234\070\020\314\306\073\322\265\027
\072\157\375\256\045\275\365\162\131\144\261\164\052\070\137\030
\114\337\317\161\004\132\066\324\277\057\231\234\350\331\272\261
\225\346\002\113\041\241\133\325\301\117\217\256\151\155\123\333
\001\223\265\134\036\030\335\144\132\312\030\050\076\143\004\021
\375\034\215\000\017\270\067\337\147\212\235\146\251\002\152\221
\377\023\312\057\135\203\274\207\223\154\334\044\121\026\004\045
\146\372\263\331\302\272\051\276\232\110\070\202\231\364\277\073
\112\061\031\371\277\216\041\063\024\312\117\124\137\373\316\373
\217\161\177\375\136\031\240\017\113\221\270\304\124\274\006\260
\105\217\046\221\242\216\376\251
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "America Online Root Certification Authority 2"
# Issuer: CN=America Online Root Certification Authority 2,O=America Online Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=America Online Root Certification Authority 2,O=America Online Inc.,C=US
# Not Valid Before: Tue May 28 06:00:00 2002
# Not Valid After: Tue Sep 29 14:08:00 2037
# Fingerprint (MD5): d6:ed:3c:ca:e2:66:0f:af:10:43:0d:77:9b:04:09:bf
# Fingerprint (SHA1): 85:b5:ff:67:9b:0c:79:96:1f:c8:6e:44:22:00:46:13:db:17:92:84
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "America Online Root Certification Authority 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\205\265\377\147\233\014\171\226\037\310\156\104\042\000\106\023
\333\027\222\204
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\326\355\074\312\342\146\017\257\020\103\015\167\233\004\011\277
```

END

```

CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\034\060\032\006\003\125\004\012\023\023\101\155\145\162\151\143
\141\040\117\156\154\151\156\145\040\111\156\143\056\061\066\060
\064\006\003\125\004\003\023\055\101\155\145\162\151\143\141\040
\117\156\154\151\156\145\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "RSA Security Inc"
# Issuer: OU=RSA Security 2048 V3,O=RSA Security Inc
# Serial Number:0a:01:01:01:00:00:02:7c:00:00:00:0a:00:00:00:02
# Subject: OU=RSA Security 2048 V3,O=RSA Security Inc
# Not Valid Before: Thu Feb 22 20:39:23 2001
# Not Valid After: Sun Feb 22 20:39:23 2026
# Fingerprint (MD5): 77:0d:19:b1:21:fd:00:42:9c:3e:0c:a5:dd:0b:02:8e
# Fingerprint (SHA1): 25:01:90:19:cf:fb:d9:99:1c:b7:68:25:74:8d:94:5f:30:93:95:42
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "RSA Security Inc"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\072\061\031\060\027\006\003\125\004\012\023\020\122\123\101
\040\123\145\143\165\162\151\164\171\040\111\156\143\061\035\060
\033\006\003\125\004\013\023\024\122\123\101\040\123\145\143\165
\162\151\164\171\040\062\060\064\070\040\126\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\072\061\031\060\027\006\003\125\004\012\023\020\122\123\101
\040\123\145\143\165\162\151\164\171\040\111\156\143\061\035\060
\033\006\003\125\004\013\023\024\122\123\101\040\123\145\143\165
\162\151\164\171\040\062\060\064\070\040\126\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\001\001\000\000\002\174\000\000\000\012\000\000
\000\002

```


END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\141\060\202\002\111\240\003\002\001\002\002\020\012
\001\001\001\000\000\002\174\000\000\000\012\000\000\000\002\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\072
\061\031\060\027\006\003\125\004\012\023\020\122\123\101\040\123
\145\143\165\162\151\164\171\040\111\156\143\061\035\060\033\006
\003\125\004\013\023\024\122\123\101\040\123\145\143\165\162\151
\164\171\040\062\060\064\070\040\126\063\060\036\027\015\060\061
\060\062\062\062\062\060\063\071\062\063\132\027\015\062\066\060
\062\062\062\062\060\063\071\062\063\132\060\072\061\031\060\027
\006\003\125\004\012\023\020\122\123\101\040\123\145\143\165\162
\151\164\171\040\111\156\143\061\035\060\033\006\003\125\004\013
\023\024\122\123\101\040\123\145\143\165\162\151\164\171\040\062
\060\064\070\040\126\063\060\202\001\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202
\001\012\002\202\001\001\000\267\217\125\161\322\200\335\173\151
\171\247\360\030\120\062\074\142\147\366\012\225\007\335\346\033
\363\236\331\322\101\124\153\255\237\174\276\031\315\373\106\253
\101\150\036\030\352\125\310\057\221\170\211\050\373\047\051\140
\377\337\217\214\073\311\111\233\265\244\224\316\001\352\076\265
\143\173\177\046\375\031\335\300\041\275\204\321\055\117\106\303
\116\334\330\067\071\073\050\257\313\235\032\352\053\257\041\245
\301\043\042\270\270\033\132\023\207\127\203\321\360\040\347\350
\117\043\102\260\000\245\175\211\351\351\141\163\224\230\161\046
\274\055\152\340\367\115\360\361\266\052\070\061\201\015\051\341
\000\301\121\017\114\122\370\004\132\252\175\162\323\270\207\052
\273\143\020\003\052\263\241\117\015\132\136\106\267\075\016\365
\164\354\231\237\371\075\044\201\210\246\335\140\124\350\225\066
\075\306\011\223\232\243\022\200\000\125\231\031\107\275\320\245
\174\303\272\373\037\367\365\017\370\254\271\265\364\067\230\023
\030\336\205\133\267\014\202\073\207\157\225\071\130\060\332\156
\001\150\027\042\314\300\013\002\003\001\000\001\243\143\060\141
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\037\006\003\125\035\043\004\030\060\026\200\024\007\303
\121\060\244\252\351\105\256\065\044\372\377\044\054\063\320\261
\235\214\060\035\006\003\125\035\016\004\026\004\024\007\303\121
\060\244\252\351\105\256\065\044\372\377\044\054\063\320\261\235
\214\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\003\202\001\001\000\137\076\206\166\156\270\065\074\116\066\034
\036\171\230\277\375\325\022\021\171\122\016\356\061\211\274\335
\177\371\321\306\025\041\350\212\001\124\015\072\373\124\271\326
\143\324\261\252\226\115\242\102\115\324\123\037\213\020\336\177
\145\276\140\023\047\161\210\244\163\343\204\143\321\244\125\341
\120\223\346\033\016\171\320\147\274\106\310\277\077\027\015\225
\346\306\220\151\336\347\264\057\336\225\175\320\022\077\075\076
\177\115\077\024\150\365\021\120\325\301\364\220\245\010\035\061

```
\140\377\140\214\043\124\012\257\376\241\156\305\321\172\052\150
\170\317\036\202\012\040\264\037\255\345\205\262\152\150\165\116
\255\045\067\224\205\276\275\241\324\352\267\014\113\074\235\350
\022\000\360\137\254\015\341\254\160\143\163\367\177\171\237\062
\045\102\164\005\200\050\277\275\301\044\226\130\025\261\027\041
\351\211\113\333\007\210\147\364\025\255\160\076\057\115\205\073
\302\267\333\376\230\150\043\211\341\164\017\336\364\305\204\143
\051\033\314\313\007\311\000\244\251\327\302\042\117\147\327\167
\354\040\005\141\336
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "RSA Security Inc"

Issuer: OU=RSA Security 2048 V3,O=RSA Security Inc

Serial Number:0a:01:01:01:00:00:02:7c:00:00:00:0a:00:00:00:02

Subject: OU=RSA Security 2048 V3,O=RSA Security Inc

Not Valid Before: Thu Feb 22 20:39:23 2001

Not Valid After: Sun Feb 22 20:39:23 2026

Fingerprint (MD5): 77:0d:19:b1:21:fd:00:42:9c:3e:0c:a5:dd:0b:02:8e

Fingerprint (SHA1): 25:01:90:19:cf:fb:d9:99:1c:b7:68:25:74:8d:94:5f:30:93:95:42

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "RSA Security Inc"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\045\001\220\031\317\373\331\231\034\267\150\045\164\215\224\137
\060\223\225\102
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\167\015\031\261\041\375\000\102\234\076\014\245\335\013\002\216
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\072\061\031\060\027\006\003\125\004\012\023\020\122\123\101
\040\123\145\143\165\162\151\164\171\040\111\156\143\061\035\060
\033\006\003\125\004\013\023\024\122\123\101\040\123\145\143\165
\162\151\164\171\040\062\060\064\070\040\126\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\012\001\001\001\000\000\002\174\000\000\000\012\000\000
\000\002
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Public Notary Root"

Issuer: CN=Public Notary Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF A82743287,C=EU

Serial Number: 0 (0x0)

Subject: CN=Public Notary Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF

A82743287,C=EU

Not Valid Before: Tue Sep 30 16:14:49 2003

Not Valid After: Wed Sep 30 16:14:49 2037

Fingerprint (MD5): cd:99:6c:db:2a:c2:96:15:5a:bf:87:9e:ae:a5:ee:93

Fingerprint (SHA1): ee:29:d6:ea:98:e6:32:c6:e5:27:e0:90:6f:02:80:68:8b:df:44:dc

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Public Notary Root"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\170\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\033\060
\031\006\003\125\004\003\023\022\120\165\142\154\151\143\040\116
\157\164\141\162\171\040\122\157\157\164

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\170\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\033\060
\031\006\003\125\004\003\023\022\120\165\142\154\151\143\040\116
\157\164\141\162\171\040\122\157\157\164

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\276\060\202\003\246\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\170\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070

\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141
\155\142\145\162\163\151\147\156\056\157\162\147\061\033\060\031
\006\003\125\004\003\023\022\120\165\142\154\151\143\040\116\157
\164\141\162\171\040\122\157\157\164\060\036\027\015\060\063\060
\071\063\060\061\066\061\064\064\071\132\027\015\063\067\060\071
\063\060\061\066\061\064\064\071\132\060\170\061\013\060\011\006
\003\125\004\006\023\002\105\125\061\047\060\045\006\003\125\004
\012\023\036\101\103\040\103\141\155\145\162\146\151\162\155\141
\040\123\101\040\103\111\106\040\101\070\062\067\064\063\062\070
\067\061\043\060\041\006\003\125\004\013\023\032\150\164\164\160
\072\057\057\167\167\167\056\143\150\141\155\142\145\162\163\151
\147\156\056\157\162\147\061\033\060\031\006\003\125\004\003\023
\022\120\165\142\154\151\143\040\116\157\164\141\162\171\040\122
\157\157\164\060\202\001\037\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\014\000\060\202\001\007\002
\202\001\000\130\172\002\274\176\354\223\146\355\313\021\116\247
\335\016\313\225\215\307\036\067\141\011\347\000\305\331\351\005
\173\352\374\236\264\323\130\266\031\106\344\150\227\117\201\155
\254\256\001\236\232\100\070\154\170\104\171\170\071\217\347\342
\304\365\172\154\377\062\114\123\313\107\216\326\220\075\254\105
\174\047\312\102\317\176\164\323\251\351\063\116\320\245\230\145
\252\120\014\124\206\035\200\152\216\160\152\235\154\102\053\307
\066\225\300\234\102\021\054\150\150\376\154\376\152\146\275\133
\262\327\245\316\233\120\071\004\235\241\044\037\266\020\157\056
\027\166\344\073\120\173\300\171\002\000\210\333\065\107\345\261
\037\331\047\377\155\065\320\271\154\126\364\265\365\117\164\127
\055\230\162\004\307\031\007\177\176\275\055\125\242\254\216\211
\260\110\053\116\337\164\005\333\124\145\006\065\325\161\074\341
\072\331\064\321\257\136\007\110\034\035\000\164\052\041\005\016
\301\037\167\116\012\345\342\223\200\016\334\126\264\273\006\340
\077\110\102\123\371\011\065\011\145\270\102\163\077\074\215\113
\344\001\245\002\001\003\243\202\001\124\060\202\001\120\060\022
\006\003\125\035\023\001\001\377\004\010\060\006\001\001\377\002
\001\014\060\100\006\003\125\035\037\004\071\060\067\060\065\240
\063\240\061\206\057\150\164\164\160\072\057\057\143\162\154\056
\143\150\141\155\142\145\162\163\151\147\156\056\157\162\147\057
\160\165\142\154\151\143\156\157\164\141\162\171\162\157\157\164
\056\143\162\154\060\035\006\003\125\035\016\004\026\004\024\032
\130\207\314\317\144\306\073\360\242\063\164\111\144\135\006\303
\253\347\371\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\021\006\011\140\206\110\001\206\370\102\001\001
\004\004\003\002\000\007\060\053\006\003\125\035\021\004\044\060
\042\201\040\160\165\142\154\151\143\156\157\164\141\162\171\162
\157\157\164\100\143\150\141\155\142\145\162\163\151\147\156\056
\157\162\147\060\053\006\003\125\035\022\004\044\060\042\201\040
\160\165\142\154\151\143\156\157\164\141\162\171\162\157\157\164
\100\143\150\141\155\142\145\162\163\151\147\156\056\157\162\147

\060\134\006\003\125\035\040\004\125\060\123\060\121\006\013\053
\006\001\004\001\201\207\056\012\002\001\060\102\060\100\006\010
\053\006\001\005\005\007\002\001\026\064\150\164\164\160\072\057
\057\143\160\163\056\143\150\141\155\142\145\162\163\151\147\156
\056\157\162\147\057\143\160\163\057\160\165\142\154\151\143\156
\157\164\141\162\171\162\157\157\164\056\150\164\155\154\060\015
\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001
\001\000\025\050\051\376\270\042\262\125\277\143\037\161\231\001
\344\263\210\155\267\165\267\057\121\231\221\116\352\151\327\135
\260\236\177\112\043\223\270\107\306\176\217\376\176\003\236\211
\226\122\076\057\241\033\366\075\160\303\075\246\336\101\303\104
\020\136\247\047\257\265\017\342\172\223\304\275\314\213\373\274
\266\163\115\037\062\043\244\243\173\320\341\203\135\277\303\236
\301\124\110\103\037\051\056\336\345\317\112\134\354\263\230\131
\273\101\017\205\071\346\006\244\034\277\251\155\232\344\051\141
\074\235\350\035\120\067\266\254\237\060\257\236\347\060\354\046
\374\052\044\241\241\123\250\076\375\021\170\327\000\155\070\262
\270\254\337\322\037\277\206\130\005\357\034\045\305\115\071\032
\054\104\123\122\302\327\040\001\054\302\131\117\276\344\333\026
\325\263\133\372\016\017\366\146\231\302\130\153\227\350\014\020
\055\055\257\313\335\157\043\263\227\235\110\106\172\102\023\002
\241\215\066\137\362\356\326\241\230\352\067\174\351\274\241\030
\226\002\266\312\130\052\032\070\325\262\161\276\170\246\114\367
\352\307

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Public Notary Root"

Issuer: CN=Public Notary Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF A82743287,C=EU

Serial Number: 0 (0x0)

Subject: CN=Public Notary Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU

Not Valid Before: Tue Sep 30 16:14:49 2003

Not Valid After: Wed Sep 30 16:14:49 2037

Fingerprint (MD5): cd:99:6c:db:2a:c2:96:15:5a:bf:87:9e:ae:a5:ee:93

Fingerprint (SHA1): ee:29:d6:ea:98:e6:32:c6:e5:27:e0:90:6f:02:80:68:8b:df:44:dc

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Public Notary Root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\356\051\326\352\230\346\062\306\345\047\340\220\157\002\200\150
\213\337\104\334

END

```

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\231\154\333\052\302\226\025\132\277\207\236\256\245\356\223
END
CKA_ISSUER MULTILINE_OCTAL
\060\170\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\033\060
\031\006\003\125\004\003\023\022\120\165\142\154\151\143\040\116
\157\164\141\162\171\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "GeoTrust Global CA"
# Issuer: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Serial Number: 144470 (0x23456)
# Subject: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Tue May 21 04:00:00 2002
# Not Valid After: Sat May 21 04:00:00 2022
# Fingerprint (MD5): f7:75:ab:29:fb:51:4e:b7:77:5e:ff:05:3c:99:8e:f5
# Fingerprint (SHA1): de:28:f4:a4:ff:e5:b9:2f:a3:c5:03:d1:a3:49:a7:f9:96:2a:82:12
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Global CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004\003

```

\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\003\002\064\126

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\124\060\202\002\074\240\003\002\001\002\002\003\002
\064\126\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004
\003\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142
\141\154\040\103\101\060\036\027\015\060\062\060\065\062\061\060
\064\060\060\060\060\132\027\015\062\062\060\065\062\061\060\064
\060\060\060\060\132\060\102\061\013\060\011\006\003\125\004\006
\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015\107
\145\157\124\162\165\163\164\040\111\156\143\056\061\033\060\031
\006\003\125\004\003\023\022\107\145\157\124\162\165\163\164\040
\107\154\157\142\141\154\040\103\101\060\202\001\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017
\000\060\202\001\012\002\202\001\001\000\332\314\030\143\060\375
\364\027\043\032\126\176\133\337\074\154\070\344\161\267\170\221
\324\274\241\330\114\370\250\103\266\003\351\115\041\007\010\210
\332\130\057\146\071\051\275\005\170\213\235\070\350\005\267\152
\176\161\244\346\304\140\246\260\357\200\344\211\050\017\236\045
\326\355\203\363\255\246\221\307\230\311\102\030\065\024\235\255
\230\106\222\056\117\312\361\207\103\301\026\225\127\055\120\357
\211\055\200\172\127\255\362\356\137\153\322\000\215\271\024\370
\024\025\065\331\300\106\243\173\162\310\221\277\311\125\053\315
\320\227\076\234\046\144\314\337\316\203\031\161\312\116\346\324
\325\173\251\031\315\125\336\310\354\322\136\070\123\345\134\117
\214\055\376\120\043\066\374\146\346\313\216\244\071\031\000\267
\225\002\071\221\013\016\376\070\056\321\035\005\232\366\115\076
\157\017\007\035\257\054\036\217\140\071\342\372\066\123\023\071
\324\136\046\053\333\075\250\024\275\062\353\030\003\050\122\004
\161\345\253\063\075\341\070\273\007\066\204\142\234\171\352\026
\060\364\137\300\053\350\161\153\344\371\002\003\001\000\001\243
\123\060\121\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\300
\172\230\150\215\211\373\253\005\144\014\021\175\252\175\145\270
\312\314\116\060\037\006\003\125\035\043\004\030\060\026\200\024
\300\172\230\150\215\211\373\253\005\144\014\021\175\252\175\145
\270\312\314\116\060\015\006\011\052\206\110\206\367\015\001\001
\005\005\000\003\202\001\001\000\065\343\051\152\345\057\135\124
\216\051\120\224\237\231\032\024\344\217\170\052\142\224\242\047
\147\236\320\317\032\136\107\351\301\262\244\317\335\101\032\005
\116\233\113\356\112\157\125\122\263\044\241\067\012\353\144\166

```
\052\056\054\363\375\073\165\220\277\372\161\330\307\075\067\322
\265\005\225\142\271\246\336\211\075\066\173\070\167\110\227\254
\246\040\217\056\246\311\014\302\262\231\105\000\307\316\021\121
\042\042\340\245\352\266\025\110\011\144\352\136\117\164\367\005
\076\307\212\122\014\333\025\264\275\155\233\345\306\261\124\150
\251\343\151\220\266\232\245\017\270\271\077\040\175\256\112\265
\270\234\344\035\266\253\346\224\245\301\307\203\255\333\365\047
\207\016\004\154\325\377\335\240\135\355\207\122\267\053\025\002
\256\071\246\152\164\351\332\304\347\274\115\064\036\251\134\115
\063\137\222\011\057\210\146\135\167\227\307\035\166\023\251\325
\345\361\026\011\021\065\325\254\333\044\161\160\054\230\126\013
\331\027\264\321\343\121\053\136\165\350\325\320\334\117\064\355
\302\005\146\200\241\313\346\063
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "GeoTrust Global CA"
# Issuer: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Serial Number: 144470 (0x23456)
# Subject: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Tue May 21 04:00:00 2002
# Not Valid After: Sat May 21 04:00:00 2022
# Fingerprint (MD5): f7:75:ab:29:fb:51:4e:b7:77:5e:ff:05:3c:99:8e:f5
# Fingerprint (SHA1): de:28:f4:a4:ff:e5:b9:2f:a3:c5:03:d1:a3:49:a7:f9:96:2a:82:12
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Global CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\336\050\364\244\377\345\271\057\243\305\003\321\243\111\247\371
\226\052\202\022
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\367\165\253\051\373\121\116\267\167\136\377\005\074\231\216\365
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\002\064\126
```



```
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "GeoTrust Global CA 2"
# Issuer: CN=GeoTrust Global CA 2,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Global CA 2,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After: Mon Mar 04 05:00:00 2019
# Fingerprint (MD5): 0e:40:a7:6c:de:03:5d:8f:d1:0f:e4:d1:8d:f9:6c:a9
# Fingerprint (SHA1): a9:e9:78:08:14:37:58:88:f2:05:19:b0:6d:2b:0d:2b:60:16:90:7d
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Global CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\035\060\033\006\003\125\004\003
\023\024\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101\040\062
```

```
END
```

```
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\035\060\033\006\003\125\004\003
\023\024\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101\040\062
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
```

```
END
```

```
CKA_VALUE MULTILINE_OCTAL
\060\202\003\146\060\202\002\116\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026
\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163
\164\040\111\156\143\056\061\035\060\033\006\003\125\004\003\023
\024\107\145\157\124\162\165\163\164\040\107\154\157\142\141\154
\040\103\101\040\062\060\036\027\015\060\064\060\063\060\064\060
\065\060\060\060\060\132\027\015\061\071\060\063\060\064\060\065
```

\060\060\060\060\132\060\104\061\013\060\011\006\003\125\004\006
\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015\107
\145\157\124\162\165\163\164\040\111\156\143\056\061\035\060\033
\006\003\125\004\003\023\024\107\145\157\124\162\165\163\164\040
\107\154\157\142\141\154\040\103\101\040\062\060\202\001\042\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\001\017\000\060\202\001\012\002\202\001\001\000\357\074\115\100
\075\020\337\073\123\000\341\147\376\224\140\025\076\205\210\361
\211\015\220\310\050\043\231\005\350\053\040\235\306\363\140\106
\330\301\262\325\214\061\331\334\040\171\044\201\277\065\062\374
\143\151\333\261\052\153\356\041\130\362\010\351\170\313\157\313
\374\026\122\310\221\304\377\075\163\336\261\076\247\302\175\146
\301\365\176\122\044\032\342\325\147\221\320\202\020\327\170\113
\117\053\102\071\275\144\055\100\240\260\020\323\070\110\106\210
\241\014\273\072\063\052\142\230\373\000\235\023\131\177\157\073
\162\252\356\246\017\206\371\005\141\352\147\177\014\067\226\213
\346\151\026\107\021\302\047\131\003\263\246\140\302\041\100\126
\372\240\307\175\072\023\343\354\127\307\263\326\256\235\211\200
\367\001\347\054\366\226\053\023\015\171\054\331\300\344\206\173
\113\214\014\162\202\212\373\027\315\000\154\072\023\074\260\204
\207\113\026\172\051\262\117\333\035\324\013\363\146\067\275\330
\366\127\273\136\044\172\270\074\213\271\372\222\032\032\204\236
\330\164\217\252\033\177\136\364\376\105\042\041\002\003\001\000
\001\243\143\060\141\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\161\070\066\362\002\061\123\107\053\156\272\145\106\251\020
\025\130\040\005\011\060\037\006\003\125\035\043\004\030\060\026
\200\024\161\070\066\362\002\061\123\107\053\156\272\145\106\251
\020\025\130\040\005\011\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\015\006\011\052\206\110\206\367\015
\001\001\005\005\000\003\202\001\001\000\003\367\265\053\253\135
\020\374\173\262\262\136\254\233\016\176\123\170\131\076\102\004
\376\165\243\255\254\201\116\327\002\213\136\304\055\310\122\166
\307\054\037\374\201\062\230\321\113\306\222\223\063\065\061\057
\374\330\035\104\335\340\201\177\235\351\213\341\144\221\142\013
\071\010\214\254\164\235\131\331\172\131\122\227\021\271\026\173
\157\105\323\226\331\061\175\002\066\017\234\073\156\317\054\015
\003\106\105\353\240\364\177\110\104\306\010\100\314\336\033\160
\265\051\255\272\213\073\064\145\165\033\161\041\035\054\024\012
\260\226\225\270\326\352\362\145\373\051\272\117\352\221\223\164
\151\266\362\377\341\032\320\014\321\166\205\313\212\045\275\227
\136\054\157\025\231\046\347\266\051\377\042\354\311\002\307\126
\000\315\111\271\263\154\173\123\004\032\342\250\311\252\022\005
\043\302\316\347\273\004\002\314\300\107\242\344\304\051\057\133
\105\127\211\121\356\074\353\122\010\377\007\065\036\237\065\152
\107\112\126\230\321\132\205\037\214\365\042\277\253\316\203\363
\342\042\051\256\175\203\100\250\272\154

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Trust for "GeoTrust Global CA 2"
# Issuer: CN=GeoTrust Global CA 2,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Global CA 2,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After: Mon Mar 04 05:00:00 2019
# Fingerprint (MD5): 0e:40:a7:6c:de:03:5d:8f:d1:0f:e4:d1:8d:f9:6c:a9
# Fingerprint (SHA1): a9:e9:78:08:14:37:58:88:f2:05:19:b0:6d:2b:0d:2b:60:16:90:7d
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Global CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\251\351\170\010\024\067\130\210\362\005\031\260\155\053\015\053
\140\026\220\175
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\016\100\247\154\336\003\135\217\321\017\344\321\215\371\154\251
END
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\035\060\033\006\003\125\004\003
\023\024\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "GeoTrust Universal CA"
# Issuer: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After: Sun Mar 04 05:00:00 2029
# Fingerprint (MD5): 92:65:58:8b:a2:1a:31:72:73:68:5c:b4:a5:7a:07:48
```

Fingerprint (SHA1): e6:21:f3:35:43:79:05:9a:4b:68:30:9d:8a:2f:74:22:15:87:ec:79

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GeoTrust Universal CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\001

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\150\060\202\003\120\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026
\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163
\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003\023
\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145\162
\163\141\154\040\103\101\060\036\027\015\060\064\060\063\060\064
\060\065\060\060\060\060\132\027\015\062\071\060\063\060\064\060
\065\060\060\060\060\132\060\105\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015
\107\145\157\124\162\165\163\164\040\111\156\143\056\061\036\060
\034\006\003\125\004\003\023\025\107\145\157\124\162\165\163\164
\040\125\156\151\166\145\162\163\141\154\040\103\101\060\202\002
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\246\025
\125\240\243\306\340\037\214\235\041\120\327\301\276\053\133\265
\244\236\241\331\162\130\275\000\033\114\277\141\311\024\035\105
\202\253\306\035\200\326\075\353\020\234\072\257\155\044\370\274
\161\001\236\006\365\174\137\036\301\016\125\312\203\232\131\060
\256\031\313\060\110\225\355\042\067\215\364\112\232\162\146\076
\255\225\300\340\026\000\340\020\037\053\061\016\327\224\124\323
\102\063\240\064\035\036\105\166\335\117\312\030\067\354\205\025

\172\031\010\374\325\307\234\360\362\251\056\020\251\222\346\075
\130\075\251\026\150\074\057\165\041\030\177\050\167\245\341\141
\027\267\246\351\370\036\231\333\163\156\364\012\242\041\154\356
\332\252\205\222\146\257\366\172\153\202\332\272\042\010\065\017
\317\102\361\065\372\152\356\176\053\045\314\072\021\344\155\257
\163\262\166\035\255\320\262\170\147\032\244\071\034\121\013\147
\126\203\375\070\135\015\316\335\360\273\053\226\037\336\173\062
\122\375\035\273\265\006\241\262\041\136\245\326\225\150\177\360
\231\236\334\105\010\076\347\322\011\015\065\224\335\200\116\123
\227\327\265\011\104\040\144\026\027\003\002\114\123\015\150\336
\325\252\162\115\223\155\202\016\333\234\275\317\264\363\134\135
\124\172\151\011\226\326\333\021\301\215\165\250\264\317\071\310
\316\074\274\044\174\346\142\312\341\275\175\247\275\127\145\013
\344\376\045\355\266\151\020\334\050\032\106\275\001\035\320\227
\265\341\230\073\300\067\144\326\075\224\356\013\341\365\050\256
\013\126\277\161\213\043\051\101\216\206\305\113\122\173\330\161
\253\037\212\025\246\073\203\132\327\130\001\121\306\114\101\331
\177\330\101\147\162\242\050\337\140\203\251\236\310\173\374\123
\163\162\131\365\223\172\027\166\016\316\367\345\134\331\013\125
\064\242\252\133\265\152\124\347\023\312\127\354\227\155\364\136
\006\057\105\213\130\324\043\026\222\344\026\156\050\143\131\060
\337\120\001\234\143\211\032\237\333\027\224\202\160\067\303\044
\236\232\107\326\132\312\116\250\151\211\162\037\221\154\333\176
\236\033\255\307\037\163\335\054\117\031\145\375\177\223\100\020
\056\322\360\355\074\236\056\050\076\151\046\063\305\173\002\003
\001\000\001\243\143\060\141\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004
\026\004\024\332\273\056\252\260\014\270\210\046\121\164\134\155
\003\323\300\330\217\172\326\060\037\006\003\125\035\043\004\030
\060\026\200\024\332\273\056\252\260\014\270\210\046\121\164\134
\155\003\323\300\330\217\172\326\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\003\202\002\001\000\061\170\346\307
\265\337\270\224\100\311\161\304\250\065\354\106\035\302\205\363
\050\130\206\260\013\374\216\262\071\217\104\125\253\144\204\134
\151\251\320\232\070\074\372\345\037\065\345\104\343\200\171\224
\150\244\273\304\237\075\341\064\315\060\106\213\124\053\225\245
\357\367\077\231\204\375\065\346\317\061\306\334\152\277\247\327
\043\010\341\230\136\303\132\010\166\251\246\257\167\057\267\140
\275\104\106\152\357\227\377\163\225\301\216\350\223\373\375\061
\267\354\127\021\021\105\233\060\361\032\210\071\301\117\074\247
\000\325\307\374\253\155\200\042\160\245\014\340\135\004\051\002
\373\313\240\221\321\174\326\303\176\120\325\235\130\276\101\070
\353\271\165\074\025\331\233\311\112\203\131\300\332\123\375\063
\273\066\030\233\205\017\025\335\356\055\254\166\223\271\331\001
\215\110\020\250\373\365\070\206\361\333\012\306\275\204\243\043
\101\336\326\167\157\205\324\205\034\120\340\256\121\212\272\215
\076\166\342\271\312\047\362\137\237\357\156\131\015\006\330\053

```
\027\244\322\174\153\273\137\024\032\110\217\032\114\347\263\107
\034\216\114\105\053\040\356\110\337\347\335\011\216\030\250\332
\100\215\222\046\021\123\141\163\135\353\275\347\304\115\051\067
\141\353\254\071\055\147\056\026\326\365\000\203\205\241\314\177
\166\304\175\344\267\113\146\357\003\105\140\151\266\014\122\226
\222\204\136\246\243\265\244\076\053\331\314\330\033\107\252\362
\104\332\117\371\003\350\360\024\313\077\363\203\336\320\301\124
\343\267\350\012\067\115\213\040\131\003\060\031\241\054\310\275
\021\037\337\256\311\112\305\363\047\146\146\206\254\150\221\377
\331\346\123\034\017\213\134\151\145\012\046\310\036\064\303\135
\121\173\327\251\234\006\241\066\335\325\211\224\274\331\344\055
\014\136\011\154\010\227\174\243\075\174\223\377\077\241\024\247
\317\265\135\353\333\333\034\304\166\337\210\271\275\105\005\225
\033\256\374\106\152\114\257\110\343\316\256\017\322\176\353\346
\154\234\117\201\152\172\144\254\273\076\325\347\313\166\056\305
\247\110\301\134\220\017\313\310\077\372\346\062\341\215\033\157
\244\346\216\330\371\051\110\212\316\163\376\054
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "GeoTrust Universal CA"
# Issuer: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After: Sun Mar 04 05:00:00 2029
# Fingerprint (MD5): 92:65:58:8b:a2:1a:31:72:73:68:5c:b4:a5:7a:07:48
# Fingerprint (SHA1): e6:21:f3:35:43:79:05:9a:4b:68:30:9d:8a:2f:74:22:15:87:ec:79
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Universal CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\346\041\363\065\103\171\005\232\113\150\060\235\212\057\164\042
\025\207\354\171
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\222\145\130\213\242\032\061\162\163\150\134\264\245\172\007\110
```

```
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145
```

```
\162\163\141\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "GeoTrust Universal CA 2"
# Issuer: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After: Sun Mar 04 05:00:00 2029
# Fingerprint (MD5): 34:fc:b8:d0:36:db:9e:14:b3:c2:f2:db:8f:e4:94:c7
# Fingerprint (SHA1): 37:9a:19:7b:41:85:45:35:0c:a6:03:69:f3:3c:2e:af:47:4f:20:79
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Universal CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

```
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003
\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101\040\062
```

END

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003
\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101\040\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\001
```

END

```
CKA_VALUE MULTILINE_OCTAL
```

```
\060\202\005\154\060\202\003\124\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026
\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163
```

\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003\023
\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145\162
\163\141\154\040\103\101\040\062\060\036\027\015\060\064\060\063
\060\064\060\065\060\060\060\060\132\027\015\062\071\060\063\060
\064\060\065\060\060\060\060\132\060\107\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\026\060\024\006\003\125\004\012
\023\015\107\145\157\124\162\165\163\164\040\111\156\143\056\061
\040\060\036\006\003\125\004\003\023\027\107\145\157\124\162\165
\163\164\040\125\156\151\166\145\162\163\141\154\040\103\101\040
\062\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\263\124\122\301\311\076\362\331\334\261\123\032\131\051
\347\261\303\105\050\345\327\321\355\305\305\113\241\252\164\173
\127\257\112\046\374\330\365\136\247\156\031\333\164\014\117\065
\133\062\013\001\343\333\353\172\167\065\352\252\132\340\326\350
\241\127\224\360\220\243\164\126\224\104\060\003\036\134\116\053
\205\046\164\202\172\014\166\240\157\115\316\101\055\240\025\006
\024\137\267\102\315\173\217\130\141\064\334\052\010\371\056\303
\001\246\042\104\034\114\007\202\346\133\316\320\112\174\004\323
\031\163\047\360\252\230\177\056\257\116\353\207\036\044\167\152
\135\266\350\133\105\272\334\303\241\005\157\126\216\217\020\046
\245\111\303\056\327\101\207\042\340\117\206\312\140\265\352\241
\143\300\001\227\020\171\275\000\074\022\155\053\025\261\254\113
\261\356\030\271\116\226\334\334\166\377\073\276\317\137\003\300
\374\073\350\276\106\033\377\332\100\302\122\367\376\343\072\367
\152\167\065\320\332\215\353\136\030\152\061\307\036\272\074\033
\050\326\153\124\306\252\133\327\242\054\033\031\314\242\002\366
\233\131\275\067\153\206\265\155\202\272\330\352\311\126\274\251
\066\130\375\076\031\363\355\014\046\251\223\070\370\117\301\135
\042\006\320\227\352\341\255\306\125\340\201\053\050\203\072\372
\364\173\041\121\000\276\122\070\316\315\146\171\250\364\201\126
\342\320\203\011\107\121\133\120\152\317\333\110\032\135\076\367
\313\366\145\367\154\361\225\370\002\073\062\126\202\071\172\133
\275\057\211\033\277\241\264\350\377\177\215\214\337\003\361\140
\116\130\021\114\353\243\077\020\053\203\232\001\163\331\224\155
\204\000\047\146\254\360\160\100\011\102\222\255\117\223\015\141
\011\121\044\330\222\325\013\224\141\262\207\262\355\377\232\065
\377\205\124\312\355\104\103\254\033\074\026\153\110\112\012\034
\100\210\037\222\302\013\000\005\377\362\310\002\112\244\252\251
\314\231\226\234\057\130\340\175\341\276\273\007\334\137\004\162
\134\061\064\303\354\137\055\340\075\144\220\042\346\321\354\270
\056\335\131\256\331\241\067\277\124\065\334\163\062\117\214\004
\036\063\262\311\106\361\330\134\310\125\120\311\150\275\250\272
\066\011\002\003\001\000\001\243\143\060\141\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
\125\035\016\004\026\004\024\166\363\125\341\372\244\066\373\360
\237\134\142\161\355\074\364\107\070\020\053\060\037\006\003\125
\035\043\004\030\060\026\200\024\166\363\125\341\372\244\066\373

\360\237\134\142\161\355\074\364\107\070\020\053\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\206\060\015\006\011
\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001\000
\146\301\306\043\363\331\340\056\156\137\350\317\256\260\260\045
\115\053\370\073\130\233\100\044\067\132\313\253\026\111\377\263
\165\171\063\241\057\155\160\027\064\221\376\147\176\217\354\233
\345\136\202\251\125\037\057\334\324\121\007\022\376\254\026\076
\054\065\306\143\374\334\020\353\015\243\252\320\174\314\321\320
\057\121\056\304\024\132\336\350\031\341\076\306\314\244\051\347
\056\204\252\006\060\170\166\124\163\050\230\131\070\340\000\015
\142\323\102\175\041\237\256\075\072\214\325\372\167\015\030\053
\026\016\137\066\341\374\052\265\060\044\317\340\143\014\173\130
\032\376\231\272\102\022\261\221\364\174\150\342\310\350\257\054
\352\311\176\256\273\052\075\015\025\334\064\225\266\030\164\250
\152\017\307\264\364\023\304\344\133\355\012\322\244\227\114\052
\355\057\154\022\211\075\361\047\160\252\152\003\122\041\237\100
\250\147\120\362\363\132\037\337\337\043\366\334\170\116\346\230
\117\125\072\123\343\357\362\364\237\307\174\330\130\257\051\042
\227\270\340\275\221\056\260\166\354\127\021\317\357\051\104\363
\351\205\172\140\143\344\135\063\211\027\331\061\252\332\326\363
\030\065\162\317\207\053\057\143\043\204\135\204\214\077\127\240
\210\374\231\221\050\046\151\231\324\217\227\104\276\216\325\110
\261\244\050\051\361\025\264\341\345\236\335\370\217\246\157\046
\327\011\074\072\034\021\016\246\154\067\367\255\104\207\054\050
\307\330\164\202\263\320\157\112\127\273\065\051\047\240\213\350
\041\247\207\144\066\135\314\330\026\254\307\262\047\100\222\125
\070\050\215\121\156\335\024\147\123\154\161\134\046\204\115\165
\132\266\176\140\126\251\115\255\373\233\036\227\363\015\331\322
\227\124\167\332\075\022\267\340\036\357\010\006\254\371\205\207
\351\242\334\257\176\030\022\203\375\126\027\101\056\325\051\202
\175\231\364\061\366\161\251\317\054\001\047\245\005\271\252\262
\110\116\052\357\237\223\122\121\225\074\122\163\216\126\114\027
\100\300\011\050\344\213\152\110\123\333\354\315\125\125\361\306
\370\351\242\054\114\246\321\046\137\176\257\132\114\332\037\246
\362\034\054\176\256\002\026\322\126\320\057\127\123\107\350\222
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "GeoTrust Universal CA 2"
Issuer: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
Serial Number: 1 (0x1)
Subject: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US
Not Valid Before: Thu Mar 04 05:00:00 2004
Not Valid After: Sun Mar 04 05:00:00 2029
Fingerprint (MD5): 34:fc:b8:d0:36:db:9e:14:b3:c2:f2:db:8f:e4:94:c7

```

# Fingerprint (SHA1): 37:9a:19:7b:41:85:45:35:0c:a6:03:69:f3:3c:2e:af:47:4f:20:79
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Universal CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\067\232\031\173\101\205\105\065\014\246\003\151\363\074\056\257
\107\117\040\171
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\064\374\270\320\066\333\236\024\263\302\362\333\217\344\224\307
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003
\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

# Microsoft Code Signing Only Certificate
# Certificate "QuoVadis Root Certification Authority"
# Issuer: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Serial Number:3a:b6:50:8b
# Subject: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Not Valid Before: Mon Mar 19 18:33:33 2001
# Not Valid After: Wed Mar 17 18:33:33 2021
# Fingerprint (MD5): 27:de:36:fe:72:b7:00:03:00:9d:f4:f0:1e:6c:04:24
# Fingerprint (SHA1): de:3f:40:bd:50:93:d3:9b:6c:60:f6:da:bc:07:62:01:00:89:76:c9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144

```

\151\163\040\114\151\155\151\164\145\144\061\045\060\043\006\003
\125\004\013\023\034\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\056\060\054\006\003\125\004\003\023\045\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\045\060\043\006\003
\125\004\013\023\034\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\056\060\054\006\003\125\004\003\023\045\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\072\266\120\213

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\320\060\202\004\270\240\003\002\001\002\002\004\072
\266\120\213\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\177\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\045\060\043
\006\003\125\004\013\023\034\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\061\056\060\054\006\003\125\004\003\023\045\121\165
\157\126\141\144\151\163\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\060\036\027\015\060\061\060\063\061\071\061\070\063
\063\063\063\132\027\015\062\061\060\063\061\067\061\070\063\063
\063\063\132\060\177\061\013\060\011\006\003\125\004\006\023\002
\102\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157
\126\141\144\151\163\040\114\151\155\151\164\145\144\061\045\060
\043\006\003\125\004\013\023\034\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\061\056\060\054\006\003\125\004\003\023\045\121
\165\157\126\141\144\151\163\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\060\202\001\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012
\002\202\001\001\000\277\141\265\225\123\272\127\374\372\362\147
\013\072\032\337\021\200\144\225\264\321\274\315\172\317\366\051

\226\056\044\124\100\044\070\367\032\205\334\130\114\313\244\047
\102\227\320\237\203\212\303\344\006\003\133\000\245\121\036\160
\004\164\342\301\324\072\253\327\255\073\007\030\005\216\375\203
\254\352\146\331\030\033\150\212\365\127\032\230\272\365\355\166
\075\174\331\336\224\152\073\113\027\301\325\217\275\145\070\072
\225\320\075\125\066\116\337\171\127\061\052\036\330\131\145\111
\130\040\230\176\253\137\176\237\351\326\115\354\203\164\251\307
\154\330\356\051\112\205\052\006\024\371\124\346\323\332\145\007
\213\143\067\022\327\320\354\303\173\040\101\104\243\355\313\240
\027\341\161\145\316\035\146\061\367\166\001\031\310\175\003\130
\266\225\111\035\246\022\046\350\306\014\166\340\343\146\313\352
\135\246\046\356\345\314\137\275\147\247\001\047\016\242\312\124
\305\261\172\225\035\161\036\112\051\212\003\334\152\105\301\244
\031\136\157\066\315\303\242\260\267\376\134\070\342\122\274\370
\104\103\346\220\273\002\003\001\000\001\243\202\002\122\060\202
\002\116\060\075\006\010\053\006\001\005\005\007\001\001\004\061
\060\057\060\055\006\010\053\006\001\005\005\007\060\001\206\041
\150\164\164\160\163\072\057\057\157\143\163\160\056\161\165\157
\166\141\144\151\163\157\146\146\163\150\157\162\145\056\143\157
\155\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\202\001\032\006\003\125\035\040\004\202\001\021\060
\202\001\015\060\202\001\011\006\011\053\006\001\004\001\276\130
\000\001\060\201\373\060\201\324\006\010\053\006\001\005\005\007
\002\002\060\201\307\032\201\304\122\145\154\151\141\156\143\145
\040\157\156\040\164\150\145\040\121\165\157\126\141\144\151\163
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\145\040\142\171\040\141\156\171\040\160\141\162\164\171\040\141
\163\163\165\155\145\163\040\141\143\143\145\160\164\141\156\143
\145\040\157\146\040\164\150\145\040\164\150\145\156\040\141\160
\160\154\151\143\141\142\154\145\040\163\164\141\156\144\141\162
\144\040\164\145\162\155\163\040\141\156\144\040\143\157\156\144
\151\164\151\157\156\163\040\157\146\040\165\163\145\054\040\143
\145\162\164\151\146\151\143\141\164\151\157\156\040\160\162\141
\143\164\151\143\145\163\054\040\141\156\144\040\164\150\145\040
\121\165\157\126\141\144\151\163\040\103\145\162\164\151\146\151
\143\141\164\145\040\120\157\154\151\143\171\056\060\042\006\010
\053\006\001\005\005\007\002\001\026\026\150\164\164\160\072\057
\057\167\167\167\056\161\165\157\166\141\144\151\163\056\142\155
\060\035\006\003\125\035\016\004\026\004\024\213\113\155\355\323
\051\271\006\031\354\071\071\251\360\227\204\152\313\357\337\060
\201\256\006\003\125\035\043\004\201\246\060\201\243\200\024\213
\113\155\355\323\051\271\006\031\354\071\071\251\360\227\204\152
\313\357\337\241\201\204\244\201\201\060\177\061\013\060\011\006
\003\125\004\006\023\002\102\115\061\031\060\027\006\003\125\004
\012\023\020\121\165\157\126\141\144\151\163\040\114\151\155\151
\164\145\144\061\045\060\043\006\003\125\004\013\023\034\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\061\056\060\054\006\003

```
\125\004\003\023\045\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\202\004\072\266\120\213
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003
\202\001\001\000\212\324\024\265\376\364\232\222\247\031\324\244
\176\162\030\217\331\150\174\122\044\335\147\157\071\172\304\252
\136\075\342\130\260\115\160\230\204\141\350\033\343\151\030\016
\316\373\107\120\240\116\377\360\044\037\275\262\316\365\047\374
\354\057\123\252\163\173\003\075\164\156\346\026\236\353\245\056
\304\277\126\047\120\053\142\272\276\113\034\074\125\134\101\035
\044\276\202\040\107\135\325\104\176\172\026\150\337\175\115\121
\160\170\127\035\063\036\375\002\231\234\014\315\012\005\117\307
\273\216\244\165\372\112\155\261\200\216\011\126\271\234\032\140
\376\135\301\327\172\334\021\170\320\326\135\301\267\325\255\062
\231\003\072\212\314\124\045\071\061\201\173\023\042\121\272\106
\154\241\273\236\372\004\154\111\046\164\217\322\163\353\314\060
\242\346\352\131\042\207\370\227\365\016\375\352\314\222\244\026
\304\122\030\352\041\316\261\361\346\204\201\345\272\251\206\050
\362\103\132\135\022\235\254\036\331\250\345\012\152\247\177\240
\207\051\317\362\211\115\324\354\305\342\346\172\320\066\043\212
\112\164\066\371
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "QuoVadis Root Certification Authority"
# Issuer: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Serial Number:3a:b6:50:8b
# Subject: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Not Valid Before: Mon Mar 19 18:33:33 2001
# Not Valid After: Wed Mar 17 18:33:33 2021
# Fingerprint (MD5): 27:de:36:fe:72:b7:00:03:00:9d:f4:f0:1e:6c:04:24
# Fingerprint (SHA1): de:3f:40:bd:50:93:d3:9b:6c:60:f6:da:bc:07:62:01:00:89:76:c9
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\336\077\100\275\120\223\323\233\154\140\366\332\274\007\142\001
\000\211\166\311
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

\047\336\066\376\162\267\000\003\000\235\364\360\036\154\004\044

END

CKA_ISSUER MULTILINE_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\045\060\043\006\003
\125\004\013\023\034\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\056\060\054\006\003\125\004\003\023\045\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\072\266\120\213

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Autoridade Certificadora Raiz Brasileira"

Issuer: CN=Autoridade Certificadora Raiz Brasileira,ST=DF,L=Brasilia,OU=Instituto Nacional de Tecnologia da Informacao - ITI,O=ICP-Brasil,C=BR

Serial Number: 4 (0x4)

Subject: CN=Autoridade Certificadora Raiz Brasileira,ST=DF,L=Brasilia,OU=Instituto Nacional de Tecnologia da Informacao - ITI,O=ICP-Brasil,C=BR

Not Valid Before: Fri Nov 30 12:58:00 2001

Not Valid After: Wed Nov 30 23:59:00 2011

Fingerprint (MD5): 96:89:7d:61:d1:55:2b:27:e2:5a:39:b4:2a:6c:44:6f

Fingerprint (SHA1): 8e:fd:ca:bc:93:e6:1e:92:5d:4d:1d:ed:18:1a:43:20:a4:67:a1:39

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Autoridade Certificadora Raiz Brasileira"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\264\061\013\060\011\006\003\125\004\006\023\002\102\122
\061\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102
\162\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064
\111\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156
\141\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141
\040\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055
\040\111\124\111\061\021\060\017\006\003\125\004\007\023\010\102
\162\141\163\151\154\151\141\061\013\060\011\006\003\125\004\010
\023\002\104\106\061\061\060\057\006\003\125\004\003\023\050\101

\165\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146
\151\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141
\163\151\154\145\151\162\141

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\264\061\013\060\011\006\003\125\004\006\023\002\102\122
\061\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102
\162\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064
\111\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156
\141\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141
\040\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055
\040\111\124\111\061\021\060\017\006\003\125\004\007\023\010\102
\162\141\163\151\154\151\141\061\013\060\011\006\003\125\004\010
\023\002\104\106\061\061\060\057\006\003\125\004\003\023\050\101
\165\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146
\151\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141
\163\151\154\145\151\162\141

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\004

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\270\060\202\003\240\240\003\002\001\002\002\001\004
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\264\061\013\060\011\006\003\125\004\006\023\002\102\122\061
\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102\162
\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064\111
\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156\141
\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141\040
\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055\040
\111\124\111\061\021\060\017\006\003\125\004\007\023\010\102\162
\141\163\151\154\151\141\061\013\060\011\006\003\125\004\010\023
\002\104\106\061\061\060\057\006\003\125\004\003\023\050\101\165
\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146\151
\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141\163
\151\154\145\151\162\141\060\036\027\015\060\061\061\061\063\060\062
\061\062\065\070\060\060\132\027\015\061\061\061\061\063\060\062
\063\065\071\060\060\132\060\201\264\061\013\060\011\006\003\125
\004\006\023\002\102\122\061\023\060\021\006\003\125\004\012\023
\012\111\103\120\055\102\162\141\163\151\154\061\075\060\073\006
\003\125\004\013\023\064\111\156\163\164\151\164\165\164\157\040
\116\141\143\151\157\156\141\154\040\144\145\040\124\145\143\156
\157\154\157\147\151\141\040\144\141\040\111\156\146\157\162\155
\141\143\141\157\040\055\040\111\124\111\061\021\060\017\006\003
\125\004\007\023\010\102\162\141\163\151\154\151\141\061\013\060
\011\006\003\125\004\010\023\002\104\106\061\061\060\057\006\003
\125\004\003\023\050\101\165\164\157\162\151\144\141\144\145\040

\103\145\162\164\151\146\151\143\141\144\157\162\141\040\122\141
\151\172\040\102\162\141\163\151\154\145\151\162\141\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\300\363
\056\167\005\377\206\371\276\122\035\233\376\124\000\160\165\100
\212\306\246\150\271\026\166\114\017\367\364\277\264\342\210\201
\032\313\350\354\276\144\201\245\071\107\135\352\346\055\223\323
\032\377\172\124\246\007\037\064\010\364\275\211\271\202\314\243
\102\217\136\232\307\076\307\251\270\125\154\044\366\052\214\145
\040\212\344\104\044\002\257\324\267\211\373\052\342\304\327\350
\035\176\334\035\042\014\137\122\303\355\340\054\215\255\216\164
\101\136\173\050\315\224\117\314\171\256\271\263\022\072\373\114
\200\206\245\045\000\227\150\025\251\356\261\152\050\276\156\146
\021\325\012\346\131\240\122\000\156\175\056\271\053\216\266\055
\155\030\105\156\205\003\173\120\312\373\244\374\263\222\372\223
\307\074\242\112\133\036\226\275\275\343\063\264\065\102\366\303
\311\353\103\026\136\036\232\235\122\250\325\107\013\161\265\021
\310\107\215\275\231\336\125\022\200\001\116\250\273\007\143\016
\374\045\261\242\262\164\122\260\171\335\023\241\016\073\156\145
\012\201\311\276\301\135\336\115\031\067\351\103\247\117\002\003
\001\000\001\243\201\322\060\201\317\060\116\006\003\125\035\040
\004\107\060\105\060\103\006\005\140\114\001\001\000\060\072\060
\070\006\010\053\006\001\005\005\007\002\001\026\054\150\164\164
\160\072\057\057\141\143\162\141\151\172\056\151\143\160\142\162
\141\163\151\154\056\147\157\166\056\142\162\057\104\120\103\141
\143\162\141\151\172\056\160\144\146\060\075\006\003\125\035\037
\004\066\060\064\060\062\240\060\240\056\206\054\150\164\164\160
\072\057\057\141\143\162\141\151\172\056\151\143\160\142\162\141
\163\151\154\056\147\157\166\056\142\162\057\114\103\122\141\143
\162\141\151\172\056\143\162\154\060\035\006\003\125\035\016\004
\026\004\024\212\372\361\127\204\021\023\065\220\102\372\127\111
\124\151\015\244\304\360\067\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\003\202\001\001\000\031\003\227\065
\123\370\140\042\036\216\162\002\300\176\042\140\025\152\157\230
\066\126\252\125\167\323\366\307\026\230\374\210\032\033\045\051
\271\270\072\155\355\070\253\142\035\124\305\355\337\101\241\245
\142\062\136\373\334\335\372\054\317\105\260\152\134\365\120\003
\176\004\135\314\044\342\252\126\271\375\141\036\270\226\175\332
\361\360\007\052\112\252\372\012\344\005\301\052\373\344\132\054
\113\071\160\014\000\332\357\111\223\357\006\143\002\144\041\235
\234\166\304\236\260\175\151\123\365\124\037\113\377\311\141\342
\034\354\133\236\330\223\113\167\115\024\071\043\014\152\042\277
\267\277\136\234\243\107\020\015\237\272\221\367\274\110\240\177
\221\041\341\265\100\067\225\150\206\264\346\350\306\071\337\036
\327\101\226\153\324\301\073\153\236\145\024\111\322\171\075\056
\232\123\200\215\035\246\001\273\322\063\225\371\241\046\115\256


```
\147\255\167\074\223\217\147\345\010\317\002\013\263\013\151\275
\044\221\331\340\104\211\124\004\141\305\327\364\271\236\143\333
\053\357\100\343\253\035\337\172\052\053\311\374
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Autoridade Certificadora Raiz Brasileira"

Issuer: CN=Autoridade Certificadora Raiz Brasileira,ST=DF,L=Brasilia,OU=Instituto Nacional de Tecnologia da Informacao - ITI,O=ICP-Brasil,C=BR

Serial Number: 4 (0x4)

Subject: CN=Autoridade Certificadora Raiz Brasileira,ST=DF,L=Brasilia,OU=Instituto Nacional de Tecnologia da Informacao - ITI,O=ICP-Brasil,C=BR

Not Valid Before: Fri Nov 30 12:58:00 2001

Not Valid After: Wed Nov 30 23:59:00 2011

Fingerprint (MD5): 96:89:7d:61:d1:55:2b:27:e2:5a:39:b4:2a:6c:44:6f

Fingerprint (SHA1): 8e:fd:ca:bc:93:e6:1e:92:5d:4d:1d:ed:18:1a:43:20:a4:67:a1:39

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Autoridade Certificadora Raiz Brasileira"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\216\375\312\274\223\346\036\222\135\115\035\355\030\032\103\040
\244\147\241\071
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\226\211\175\141\321\125\053\047\342\132\071\264\052\154\104\157
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\264\061\013\060\011\006\003\125\004\006\023\002\102\122
\061\023\060\021\006\003\125\004\012\023\012\111\103\120\055\102
\162\141\163\151\154\061\075\060\073\006\003\125\004\013\023\064
\111\156\163\164\151\164\165\164\157\040\116\141\143\151\157\156
\141\154\040\144\145\040\124\145\143\156\157\154\157\147\151\141
\040\144\141\040\111\156\146\157\162\155\141\143\141\157\040\055
\040\111\124\111\061\021\060\017\006\003\125\004\007\023\010\102
\162\141\163\151\154\151\141\061\013\060\011\006\003\125\004\010
\023\002\104\106\061\061\060\057\006\003\125\004\003\023\050\101
\165\164\157\162\151\144\141\144\145\040\103\145\162\164\151\146
\151\143\141\144\157\162\141\040\122\141\151\172\040\102\162\141
\163\151\154\145\151\162\141
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\004
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Certificate "Post.Trust Root CA"
# Issuer: CN=Post.Trust Root CA,OU=Post.Trust Ltd.,O=An Post,C=IE
# Serial Number:39:a2:93:e3
# Subject: CN=Post.Trust Root CA,OU=Post.Trust Ltd.,O=An Post,C=IE
# Not Valid Before: Tue Aug 22 14:56:21 2000
# Not Valid After: Fri Aug 20 13:56:21 2010
# Fingerprint (MD5): af:b8:33:6e:7c:dd:c6:02:64:ad:58:fc:0d:4f:7b:cf
# Fingerprint (SHA1): bc:7b:3c:6f:ef:26:b9:f7:ab:10:d7:a1:f6:b6:7c:5e:d2:a1:2d:3d
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Post.Trust Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\020\060\016\006\003\125\004\012\023\007\101\156\040\120\157\163
\164\061\030\060\026\006\003\125\004\013\023\017\120\157\163\164
\056\124\162\165\163\164\040\114\164\144\056\061\033\060\031\006
\003\125\004\003\023\022\120\157\163\164\056\124\162\165\163\164
\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\020\060\016\006\003\125\004\012\023\007\101\156\040\120\157\163
\164\061\030\060\026\006\003\125\004\013\023\017\120\157\163\164
\056\124\162\165\163\164\040\114\164\144\056\061\033\060\031\006
\003\125\004\003\023\022\120\157\163\164\056\124\162\165\163\164
\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\071\242\223\343
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\272\060\202\005\242\240\003\002\001\002\002\004\071
\242\223\343\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\126\061\013\060\011\006\003\125\004\006\023\002\111
\105\061\020\060\016\006\003\125\004\012\023\007\101\156\040\120
\157\163\164\061\030\060\026\006\003\125\004\013\023\017\120\157
\163\164\056\124\162\165\163\164\040\114\164\144\056\061\033\060
\031\006\003\125\004\003\023\022\120\157\163\164\056\124\162\165
```

\163\164\040\122\157\157\164\040\103\101\060\036\027\015\060\060
\060\070\062\062\061\064\065\066\062\061\132\027\015\061\060\060
\070\062\060\061\063\065\066\062\061\132\060\126\061\013\060\011
\006\003\125\004\006\023\002\111\105\061\020\060\016\006\003\125
\004\012\023\007\101\156\040\120\157\163\164\061\030\060\026\006
\003\125\004\013\023\017\120\157\163\164\056\124\162\165\163\164
\040\114\164\144\056\061\033\060\031\006\003\125\004\003\023\022
\120\157\163\164\056\124\162\165\163\164\040\122\157\157\164\040
\103\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202
\001\001\000\326\177\023\344\015\044\330\330\373\351\266\303\261
\122\243\116\334\267\073\342\367\016\137\201\346\001\360\246\346
\066\160\330\023\163\241\377\122\010\220\362\025\274\362\062\034
\250\327\341\006\020\173\101\250\224\307\077\075\104\025\334\200
\121\347\060\376\123\110\365\220\137\155\155\045\340\140\273\240
\373\326\306\051\370\115\160\120\032\067\240\016\315\170\052\266
\150\363\231\324\014\216\136\022\142\377\302\137\132\232\053\210
\107\252\273\241\331\165\360\054\134\376\155\302\261\133\061\314
\203\207\032\247\276\220\016\350\020\124\123\122\013\234\111\363
\200\002\376\157\047\246\243\127\060\270\333\270\320\000\004\003
\344\345\324\103\006\353\253\150\115\150\046\322\231\064\271\340
\022\226\177\113\273\153\156\041\161\346\010\105\112\035\146\015
\067\311\003\341\321\312\334\261\057\160\366\267\201\142\226\033
\144\247\376\273\341\206\353\101\237\250\234\330\312\240\341\326
\057\370\017\341\272\100\070\367\155\321\245\312\114\031\310\226
\334\314\111\034\012\266\323\250\221\072\371\332\354\035\315\163
\112\044\077\002\003\001\000\001\243\202\003\216\060\202\003\212
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\202\003\115\006\003\125\035\040\004\202\003\104\060\202
\003\100\060\202\003\074\006\007\052\202\164\273\350\042\001\060
\202\003\057\060\202\002\364\006\010\053\006\001\005\005\007\002
\002\060\202\002\346\032\202\002\342\124\150\151\163\040\143\145
\162\164\151\146\151\143\141\164\145\040\151\163\040\151\163\163
\165\145\144\040\163\165\142\152\145\143\164\040\164\157\040\164
\150\145\040\120\157\163\164\056\124\162\165\163\164\040\103\120
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\154\151\156\145\040\164\150\145\040\167\141\162\162\141\156\164
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\150\040\164\150\151\163\040\143\145\162\164\151\146\151\143\141
\164\145\040\141\156\144\040\164\150\145\040\145\170\164\145\156
\164\040\157\146\040\164\150\145\040\154\151\141\142\151\154\151
\164\171\040\157\146\040\120\157\163\164\056\124\162\165\163\164
\040\114\151\155\151\164\145\144\056\040\040\120\157\163\164\056
\124\162\165\163\164\040\114\151\155\151\164\145\144\040\145\170
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\040\141\156\144\040\151\155\160\154\151\145\144\040\167\141\162

\162\141\156\164\151\145\163\040\141\156\144\040\143\157\156\144
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\164\157\040\146\151\164\156\145\163\163\040\146\157\162\040\160
\165\162\160\157\163\145\040\157\162\040\155\145\162\143\150\141
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\057\157\162\040\162\145\154\171\151\156\147\040\160\141\162\164
\171\040\151\163\040\141\143\153\156\157\167\154\145\144\147\151
\156\147\040\164\150\141\164\040\151\164\040\150\141\163\040\162
\145\141\144\054\040\165\156\144\145\162\163\164\157\157\144\040
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\155\154\060\021\006\003\125\035\016\004\012\004\010\101\032\214
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\110\206\367\015\001\001\005\005\000\003\202\001\001\000\147\215
\251\343\257\370\361\341\155\054\373\327\015\142\113\256\360\130
\073\276\062\103\120\133\362\103\216\076\033\360\067\065\022\220
\074\066\001\035\377\051\364\010\246\176\356\261\036\121\270\271
\013\134\353\267\342\015\364\212\060\370\250\065\030\013\307\216
\163\352\006\231\053\007\045\007\017\163\113\377\272\044\133\204
\374\316\224\066\122\373\220\234\172\215\213\240\210\172\106\374
\232\050\130\313\215\253\124\364\355\170\072\367\073\323\147\343
\217\220\203\231\242\010\122\202\026\265\201\134\233\010\061\374
\345\326\170\256\200\361\114\002\143\154\216\004\234\271\173\231
\361\034\063\241\257\173\103\121\205\007\256\337\056\305\011\374
\204\245\376\125\274\012\344\170\134\246\330\367\073\217\012\307

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\156\371\237\216\020\017\102\004\374\127\101\376\122\077\261\061
\224\157\360\155\324\116\005\335\236\053\000\137\301\022\176\102
\144\247\141\026\061\117\174\276\016\310\343\020\373\056\367\025
\145\247\124\312\135\244\314\054\314\170\000\275\001\327\315\337
\320\333\063\335\211\247\024\327\242\041\274\065\326\016
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Post.Trust Root CA"
# Issuer: CN=Post.Trust Root CA,OU=Post.Trust Ltd.,O=An Post,C=IE
# Serial Number:39:a2:93:e3
# Subject: CN=Post.Trust Root CA,OU=Post.Trust Ltd.,O=An Post,C=IE
# Not Valid Before: Tue Aug 22 14:56:21 2000
# Not Valid After: Fri Aug 20 13:56:21 2010
# Fingerprint (MD5): af:b8:33:6e:7c:dd:c6:02:64:ad:58:fc:0d:4f:7b:cf
# Fingerprint (SHA1): bc:7b:3c:6f:ef:26:b9:f7:ab:10:d7:a1:f6:b6:7c:5e:d2:a1:2d:3d
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Post.Trust Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\274\173\074\157\357\046\271\367\253\020\327\241\366\266\174\136
\322\241\055\075
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\257\270\063\156\174\335\306\002\144\255\130\374\015\117\173\317
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\020\060\016\006\003\125\004\012\023\007\101\156\040\120\157\163
\164\061\030\060\026\006\003\125\004\013\023\017\120\157\163\164
\056\124\162\165\163\164\040\114\164\144\056\061\033\060\031\006
\003\125\004\003\023\022\120\157\163\164\056\124\162\165\163\164
\040\122\157\157\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\071\242\223\343
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Certificate "Microsoft Root Authority"
# Issuer: CN=Microsoft Root Authority,OU=Microsoft Corporation,OU=Copyright (c) 1997 Microsoft Corp.
# Serial Number:c1:00:8b:3c:3c:88:11:d1:3e:f6:63:ec:df:40
# Subject: CN=Microsoft Root Authority,OU=Microsoft Corporation,OU=Copyright (c) 1997 Microsoft Corp.
# Not Valid Before: Fri Jan 10 07:00:00 1997
# Not Valid After: Thu Dec 31 07:00:00 2020
# Fingerprint (MD5): 2a:95:4e:ca:79:b2:87:45:73:d9:2d:90:ba:f9:9f:b6
# Fingerprint (SHA1): a4:34:89:15:9a:52:0f:0d:93:d0:32:cc:af:37:e7:fe:20:a8:b4:19
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft Root Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\160\061\053\060\051\006\003\125\004\013\023\042\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\061\071\071\067\040
\115\151\143\162\157\163\157\146\164\040\103\157\162\160\056\061
\036\060\034\006\003\125\004\013\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\041\060\037\006\003\125\004\003\023\030\115\151\143\162\157\163
\157\146\164\040\122\157\157\164\040\101\165\164\150\157\162\151
\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\160\061\053\060\051\006\003\125\004\013\023\042\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\061\071\071\067\040
\115\151\143\162\157\163\157\146\164\040\103\157\162\160\056\061
\036\060\034\006\003\125\004\013\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\041\060\037\006\003\125\004\003\023\030\115\151\143\162\157\163
\157\146\164\040\122\157\157\164\040\101\165\164\150\157\162\151
\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\017\000\301\000\213\074\074\210\021\321\076\366\143\354\337
\100
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\022\060\202\002\372\240\003\002\001\002\002\017\000
\301\000\213\074\074\210\021\321\076\366\143\354\337\100\060\015
\006\011\052\206\110\206\367\015\001\001\004\005\000\060\160\061
\053\060\051\006\003\125\004\013\023\042\103\157\160\171\162\151
\147\150\164\040\050\143\051\040\061\071\071\067\040\115\151\143
\162\157\163\157\146\164\040\103\157\162\160\056\061\036\060\034
\006\003\125\004\013\023\025\115\151\143\162\157\163\157\146\164
\040\103\157\162\160\157\162\141\164\151\157\156\061\041\060\037
```

\006\003\125\004\003\023\030\115\151\143\162\157\163\157\146\164
\040\122\157\157\164\040\101\165\164\150\157\162\151\164\171\060
\036\027\015\071\067\060\061\061\060\060\067\060\060\060\132
\027\015\062\060\061\062\063\061\060\067\060\060\060\132\060
\160\061\053\060\051\006\003\125\004\013\023\042\103\157\160\171
\162\151\147\150\164\040\050\143\051\040\061\071\071\067\040\115
\151\143\162\157\163\157\146\164\040\103\157\162\160\056\061\036
\060\034\006\003\125\004\013\023\025\115\151\143\162\157\163\157
\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061\041
\060\037\006\003\125\004\003\023\030\115\151\143\162\157\163\157
\146\164\040\122\157\157\164\040\101\165\164\150\157\162\151\164
\171\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001
\001\000\251\002\275\301\160\346\073\362\116\033\050\237\227\170
\136\060\352\242\251\215\045\137\370\376\225\114\243\267\376\235
\242\040\076\174\121\242\233\242\217\140\062\153\321\102\144\171
\356\254\166\311\124\332\362\353\234\206\034\217\237\204\146\263
\305\153\172\142\043\326\035\074\336\017\001\222\350\226\304\277
\055\146\232\232\150\046\231\320\072\054\277\014\265\130\046\301
\106\347\012\076\070\226\054\251\050\071\250\354\111\203\102\343
\204\017\273\232\154\125\141\254\202\174\241\140\055\167\114\351
\231\264\144\073\232\120\034\061\010\044\024\237\251\347\221\053
\030\346\075\230\143\024\140\130\005\145\237\035\067\122\207\367
\247\357\224\002\306\033\323\277\125\105\263\211\200\277\072\354
\124\224\116\256\375\247\172\155\164\116\257\030\314\226\011\050
\041\000\127\220\140\151\067\273\113\022\007\074\126\377\133\373
\244\146\012\010\246\322\201\126\127\357\266\073\136\026\201\167
\004\332\366\276\256\200\225\376\260\315\177\326\247\032\162\134
\074\312\274\360\010\243\042\060\263\006\205\311\263\040\167\023
\205\337\002\003\001\000\001\243\201\250\060\201\245\060\201\242
\006\003\125\035\001\004\201\232\060\201\227\200\020\133\320\160
\357\151\162\236\043\121\176\024\262\115\216\377\313\241\162\060
\160\061\053\060\051\006\003\125\004\013\023\042\103\157\160\171
\162\151\147\150\164\040\050\143\051\040\061\071\071\067\040\115
\151\143\162\157\163\157\146\164\040\103\157\162\160\056\061\036
\060\034\006\003\125\004\013\023\025\115\151\143\162\157\163\157
\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061\041
\060\037\006\003\125\004\003\023\030\115\151\143\162\157\163\157
\146\164\040\122\157\157\164\040\101\165\164\150\157\162\151\164
\171\202\017\000\301\000\213\074\074\210\021\321\076\366\143\354
\337\100\060\015\006\011\052\206\110\206\367\015\001\001\004\005
\000\003\202\001\001\000\225\350\013\300\215\363\227\030\065\355
\270\001\044\330\167\021\363\134\140\062\237\236\013\313\076\005
\221\210\217\311\072\346\041\362\360\127\223\054\265\240\107\310
\142\357\374\327\314\073\073\132\251\066\124\151\376\044\155\077
\311\314\252\336\005\174\335\061\215\075\237\020\160\152\273\376
\022\117\030\151\300\374\320\103\343\021\132\040\117\352\142\173
\257\252\031\310\053\067\045\055\276\145\241\022\212\045\017\143

```
\243\367\124\034\371\041\311\326\025\363\122\254\156\103\062\007
\375\202\027\370\345\147\154\015\121\366\275\361\122\307\275\347
\304\060\374\040\061\011\210\035\225\051\032\115\325\035\002\245
\361\200\340\003\264\133\364\261\335\310\127\356\145\111\307\122
\124\266\264\003\050\022\377\220\326\360\010\217\176\270\227\305
\253\067\054\344\172\344\250\167\343\166\240\000\320\152\077\301
\322\066\212\340\101\022\250\065\152\033\152\333\065\341\324\034
\004\344\250\105\004\310\132\063\070\156\115\034\015\142\267\012
\242\214\323\325\124\077\106\315\034\125\246\160\333\022\072\207
\223\165\237\247\322\240
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Microsoft Root Authority"

Issuer: CN=Microsoft Root Authority,OU=Microsoft Corporation,OU=Copyright (c) 1997 Microsoft Corp.

Serial Number:c1:00:8b:3c:3c:88:11:d1:3e:f6:63:ec:df:40

Subject: CN=Microsoft Root Authority,OU=Microsoft Corporation,OU=Copyright (c) 1997 Microsoft Corp.

Not Valid Before: Fri Jan 10 07:00:00 1997

Not Valid After: Thu Dec 31 07:00:00 2020

Fingerprint (MD5): 2a:95:4e:ca:79:b2:87:45:73:d9:2d:90:ba:f9:9f:b6

Fingerprint (SHA1): a4:34:89:15:9a:52:0f:0d:93:d0:32:cc:af:37:e7:fe:20:a8:b4:19

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Microsoft Root Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\244\064\211\025\232\122\017\015\223\320\062\314\257\067\347\376
\040\250\264\031
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\052\225\116\312\171\262\207\105\163\331\055\220\272\371\237\266
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\160\061\053\060\051\006\003\125\004\013\023\042\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\061\071\071\067\040
\115\151\143\162\157\163\157\146\164\040\103\157\162\160\056\061
\036\060\034\006\003\125\004\013\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\041\060\037\006\003\125\004\003\023\030\115\151\143\162\157\163
\157\146\164\040\122\157\157\164\040\101\165\164\150\157\162\151
\164\171
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\017\000\301\000\213\074\074\210\021\321\076\366\143\354\337
```



```
\100
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Microsoft Root Certificate Authority"
# Issuer: CN=Microsoft Root Certificate Authority,DC=microsoft,DC=com
# Serial Number:79:ad:16:a1:4a:a0:a5:ad:4c:73:58:f4:07:13:2e:65
# Subject: CN=Microsoft Root Certificate Authority,DC=microsoft,DC=com
# Not Valid Before: Wed May 09 23:19:22 2001
# Not Valid After: Sun May 09 23:28:13 2021
# Fingerprint (MD5): e1:c0:7e:a0:aa:bb:d4:b7:7b:84:c2:28:11:78:08:a7
# Fingerprint (SHA1): cd:d4:ee:ae:60:00:ac:7f:40:c3:80:2c:17:1e:30:14:80:30:c0:72
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft Root Certificate Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\023\060\021\006\012\011\222\046\211\223\362\054\144
\001\031\026\003\143\157\155\061\031\060\027\006\012\011\222\046
\211\223\362\054\144\001\031\026\011\155\151\143\162\157\163\157
\146\164\061\055\060\053\006\003\125\004\003\023\044\115\151\143
\162\157\163\157\146\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171
END
```

```
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\023\060\021\006\012\011\222\046\211\223\362\054\144
\001\031\026\003\143\157\155\061\031\060\027\006\012\011\222\046
\211\223\362\054\144\001\031\026\011\155\151\143\162\157\163\157
\146\164\061\055\060\053\006\003\125\004\003\023\044\115\151\143
\162\157\163\157\146\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\171\255\026\241\112\240\245\255\114\163\130\364\007\023
\056\145
END
```

```
CKA_VALUE MULTILINE_OCTAL
\060\202\005\231\060\202\003\201\240\003\002\001\002\002\020\171
\255\026\241\112\240\245\255\114\163\130\364\007\023\056\145\060
```

\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\137
\061\023\060\021\006\012\011\222\046\211\223\362\054\144\001\031
\026\003\143\157\155\061\031\060\027\006\012\011\222\046\211\223
\362\054\144\001\031\026\011\155\151\143\162\157\163\157\146\164
\061\055\060\053\006\003\125\004\003\023\044\115\151\143\162\157
\163\157\146\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171\060
\036\027\015\060\061\060\065\060\071\062\063\061\071\062\062\132
\027\015\062\061\060\065\060\071\062\063\062\070\061\063\132\060
\137\061\023\060\021\006\012\011\222\046\211\223\362\054\144\001
\031\026\003\143\157\155\061\031\060\027\006\012\011\222\046\211
\223\362\054\144\001\031\026\011\155\151\143\162\157\163\157\146
\164\061\055\060\053\006\003\125\004\003\023\044\115\151\143\162
\157\163\157\146\164\040\122\157\157\164\040\103\145\162\164\151
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\363\135\372\200\147\324\132\247\251\014\054\220\040\320\065
\010\074\165\204\315\267\007\211\234\211\332\336\316\303\140\372
\221\150\132\236\224\161\051\030\166\174\302\340\310\045\166\224
\016\130\372\004\064\066\346\337\257\367\200\272\351\130\013\053
\223\345\235\005\343\167\042\221\367\064\144\074\042\221\035\136
\341\011\220\274\024\376\374\165\130\031\341\171\267\007\222\243
\256\210\131\010\330\237\007\312\003\130\374\150\051\155\062\327
\322\250\313\113\374\341\013\110\062\117\346\353\270\255\117\344
\134\157\023\224\231\333\225\325\165\333\250\032\267\224\221\264
\167\133\365\110\014\217\152\171\175\024\160\004\175\155\257\220
\365\332\160\330\107\267\277\233\057\154\347\005\267\341\021\140
\254\171\221\024\174\305\326\246\344\341\176\325\303\176\345\222
\322\074\000\265\066\202\336\171\341\155\363\265\156\370\237\063
\311\313\122\175\163\230\066\333\213\241\153\242\225\227\233\243
\336\302\115\046\377\006\226\147\045\006\310\347\254\344\356\022
\063\225\061\231\310\065\010\116\064\312\171\123\325\265\276\143
\062\131\100\066\300\245\116\004\115\075\333\133\007\063\344\130
\277\357\077\123\144\330\102\131\065\127\375\017\105\174\044\004
\115\236\326\070\164\021\227\042\220\316\150\104\164\222\157\325
\113\157\260\206\343\307\066\102\240\320\374\301\300\132\371\243
\141\271\060\107\161\226\012\026\260\221\300\102\225\357\020\177
\050\152\343\052\037\261\344\315\003\077\167\161\004\307\040\374
\111\017\035\105\210\244\327\313\176\210\255\216\055\354\105\333
\304\121\004\311\052\374\354\206\236\232\021\227\133\336\316\123
\210\346\342\267\375\254\225\302\050\100\333\357\004\220\337\201
\063\071\331\262\105\245\043\207\006\245\125\211\061\273\006\055
\140\016\101\030\175\037\056\265\227\313\021\353\025\325\044\245
\224\357\025\024\211\375\113\163\372\062\133\374\321\063\000\371
\131\142\160\007\062\352\056\253\100\055\173\312\335\041\147\033
\060\231\217\026\252\043\250\101\321\260\156\021\233\066\304\336
\100\164\234\341\130\145\301\140\036\172\133\070\310\217\273\004

\046\174\324\026\100\345\266\153\154\252\206\375\000\277\316\301
\065\002\003\001\000\001\243\121\060\117\060\013\006\003\125\035
\017\004\004\003\002\001\306\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004
\026\004\024\016\254\202\140\100\126\047\227\345\045\023\374\052
\341\012\123\225\131\344\244\060\020\006\011\053\006\001\004\001
\202\067\025\001\004\003\002\001\000\060\015\006\011\052\206\110
\206\367\015\001\001\005\005\000\003\202\002\001\000\305\021\115
\003\072\140\335\135\122\021\167\217\262\273\066\310\262\005\277
\264\267\250\330\040\235\134\023\003\266\034\042\372\006\023\065
\266\310\143\324\232\107\157\046\127\322\125\361\004\261\046\137
\326\251\120\150\240\274\322\270\156\314\303\351\254\337\031\315
\170\254\131\164\254\146\064\066\304\033\076\154\070\114\063\016
\060\022\015\243\046\376\121\123\000\377\257\132\116\204\015\017
\037\344\155\005\056\116\205\113\215\154\063\157\124\322\144\253
\277\120\257\175\172\071\240\067\355\143\003\017\374\023\006\316
\026\066\324\124\073\225\033\121\142\072\345\115\027\324\005\071
\222\232\047\250\133\252\275\354\273\276\343\040\211\140\161\154
\126\263\245\023\320\155\016\043\176\225\003\355\150\075\362\330
\143\270\153\115\266\350\060\265\341\312\224\113\367\242\252\135
\231\060\262\075\247\302\121\154\050\040\001\044\047\053\113\000
\267\235\021\153\160\276\262\020\202\274\014\233\150\320\215\073
\044\207\252\231\050\162\235\063\137\131\220\275\365\336\223\236
\072\142\132\064\071\342\210\125\035\271\006\260\301\211\153\055
\327\151\303\031\022\066\204\320\311\240\332\377\057\151\170\262
\345\172\332\353\327\014\300\367\275\143\027\270\071\023\070\242
\066\133\173\362\205\126\152\035\144\142\301\070\342\252\277\121
\146\242\224\365\022\234\146\042\020\153\362\267\060\222\055\362
\051\360\075\073\024\103\150\242\361\234\051\067\313\316\070\040
\045\155\174\147\363\176\044\022\044\003\010\201\107\354\245\236
\227\365\030\327\317\273\325\357\166\226\357\375\316\333\126\235
\225\240\102\371\227\130\341\327\061\042\323\137\131\346\076\156
\042\000\352\103\204\266\045\333\331\363\010\126\150\300\144\153
\035\174\354\266\223\242\142\127\156\056\330\347\130\217\304\061
\111\046\335\336\051\065\207\365\060\161\160\133\024\074\151\275
\211\022\175\353\056\243\376\330\177\236\202\132\122\012\053\301
\103\053\331\060\210\237\310\020\373\211\215\346\241\205\165\063
\176\154\236\333\163\023\144\142\151\245\057\175\312\226\155\237
\370\004\115\060\222\075\156\041\024\041\311\075\340\303\375\212
\153\235\112\375\321\241\235\231\103\167\077\260\332

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Microsoft Root Certificate Authority"
Issuer: CN=Microsoft Root Certificate Authority,DC=microsoft,DC=com

```

# Serial Number:79:ad:16:a1:4a:a0:a5:ad:4c:73:58:f4:07:13:2e:65
# Subject: CN=Microsoft Root Certificate Authority,DC=microsoft,DC=com
# Not Valid Before: Wed May 09 23:19:22 2001
# Not Valid After: Sun May 09 23:28:13 2021
# Fingerprint (MD5): e1:c0:7e:a0:aa:bb:d4:b7:7b:84:c2:28:11:78:08:a7
# Fingerprint (SHA1): cd:d4:ee:ae:60:00:ac:7f:40:c3:80:2c:17:1e:30:14:80:30:c0:72
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft Root Certificate Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\315\324\356\256\140\000\254\177\100\303\200\054\027\036\060\024
\200\060\300\162
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\341\300\176\240\252\273\324\267\173\204\302\050\021\170\010\247
END
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\023\060\021\006\012\011\222\046\211\223\362\054\144
\001\031\026\003\143\157\155\061\031\060\027\006\012\011\222\046
\211\223\362\054\144\001\031\026\011\155\151\143\162\157\163\157
\146\164\061\055\060\053\006\003\125\004\003\023\044\115\151\143
\162\157\163\157\146\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\171\255\026\241\112\240\245\255\114\163\130\364\007\023
\056\145
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Microsoft Root Certificate Authority 2010"
# Issuer: CN=Microsoft Root Certificate Authority 2010,O=Microsoft
Corporation,L=Redmond,ST=Washington,C=US
# Serial Number:28:cc:3a:25:bf:ba:44:ac:44:9a:9b:58:6b:43:39:aa
# Subject: CN=Microsoft Root Certificate Authority 2010,O=Microsoft
Corporation,L=Redmond,ST=Washington,C=US
# Not Valid Before: Wed Jun 23 21:57:24 2010
# Not Valid After: Sat Jun 23 22:04:01 2035
# Fingerprint (MD5): a2:66:bb:7d:cc:38:a5:62:63:13:61:bb:f6:1d:d1:1b
# Fingerprint (SHA1): 3b:1e:fd:3a:66:ea:28:b1:66:97:39:47:03:a7:2c:a3:40:a0:5b:d5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft Root Certificate Authority 2010"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\062\060\060\006\003\125\004\003
\023\051\115\151\143\162\157\163\157\146\164\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\062\060\061\060
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\062\060\060\006\003\125\004\003
\023\051\115\151\143\162\157\163\157\146\164\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\062\060\061\060
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\050\314\072\045\277\272\104\254\104\232\233\130\153\103
\071\252
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\355\060\202\003\325\240\003\002\001\002\002\020\050
\314\072\045\277\272\104\254\104\232\233\130\153\103\071\252\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201
\210\061\013\060\011\006\003\125\004\006\023\002\125\123\061\023
\060\021\006\003\125\004\010\023\012\127\141\163\150\151\156\147
\164\157\156\061\020\060\016\006\003\125\004\007\023\007\122\145
\144\155\157\156\144\061\036\060\034\006\003\125\004\012\023\025
\115\151\143\162\157\163\157\146\164\040\103\157\162\160\157\162
\141\164\151\157\156\061\062\060\060\006\003\125\004\003\023\051
\115\151\143\162\157\163\157\146\164\040\122\157\157\164\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171\040\062\060\061\060\060\036\027\015\061\060\060
\066\062\063\062\061\065\067\062\064\132\027\015\063\065\060\066
\062\063\062\062\060\064\060\061\132\060\201\210\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125
```

\004\010\023\012\127\141\163\150\151\156\147\164\157\156\061\020
\060\016\006\003\125\004\007\023\007\122\145\144\155\157\156\144
\061\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157
\163\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156
\061\062\060\060\006\003\125\004\003\023\051\115\151\143\162\157
\163\157\146\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040
\062\060\061\060\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\271\010\236\050\344\344\354\006\116\120\150
\263\101\305\173\353\256\266\216\257\201\272\042\104\037\145\064
\151\114\276\160\100\027\362\026\173\342\171\375\206\355\015\071
\364\033\250\255\222\220\036\313\075\166\217\132\331\265\221\020
\056\074\005\215\212\155\044\124\347\037\355\126\255\203\264\120
\234\025\245\027\164\210\131\040\374\010\305\204\166\323\150\324
\157\050\170\316\134\270\363\120\220\104\377\343\143\137\276\241
\232\054\226\025\004\326\007\376\036\204\041\340\102\061\021\304
\050\066\224\317\120\244\142\236\311\326\253\161\000\262\133\014
\346\226\324\012\044\226\365\377\306\325\267\033\327\313\267\041
\142\257\022\334\241\135\067\343\032\373\032\106\230\300\233\300
\347\143\037\052\010\223\002\176\036\152\216\362\237\030\211\344
\042\205\242\261\204\127\100\377\365\016\330\157\234\355\342\105
\061\001\315\027\351\177\260\201\105\343\252\041\100\046\241\162
\252\247\117\074\001\005\176\356\203\130\261\136\006\143\231\142
\221\170\202\267\015\223\014\044\152\264\033\333\047\354\137\225
\004\077\223\112\060\365\227\030\263\247\371\031\247\223\063\035
\001\310\333\042\122\134\327\045\311\106\371\242\373\207\131\103
\276\233\142\261\215\055\206\104\032\106\254\170\141\176\060\011
\372\256\211\304\101\052\042\146\003\221\071\105\234\307\213\014
\250\312\015\057\373\122\352\014\367\143\063\043\235\376\260\037
\255\147\326\247\120\003\306\004\160\143\265\054\261\206\132\103
\267\373\256\371\156\051\156\041\041\101\046\006\214\311\303\356
\260\302\205\223\241\271\205\331\346\062\154\113\114\077\326\135
\243\345\265\235\167\303\234\300\125\267\164\000\343\270\070\253
\203\227\120\341\232\102\044\035\306\300\243\060\321\032\132\310
\122\064\367\163\361\307\030\037\063\255\172\354\313\101\140\363
\043\224\040\302\110\105\254\134\121\306\056\200\302\342\167\025
\275\205\207\355\066\235\226\221\356\000\265\243\160\354\237\343
\215\200\150\203\166\272\257\135\160\122\042\026\342\146\373\272
\263\305\302\367\076\057\167\246\312\336\301\246\306\110\114\303
\067\121\043\323\047\327\270\116\160\226\360\241\104\166\257\170
\317\232\341\146\023\002\003\001\000\001\243\121\060\117\060\013
\006\003\125\035\017\004\004\003\002\001\206\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
\125\035\016\004\026\004\024\325\366\126\313\217\350\242\134\142
\150\321\075\224\220\133\327\316\232\030\304\060\020\006\011\053
\006\001\004\001\202\067\025\001\004\003\002\001\000\060\015\006
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001

\000\254\245\226\214\277\273\256\246\366\327\161\207\103\061\126
\210\375\034\062\161\133\065\267\324\360\221\362\257\067\342\024
\361\363\002\046\005\076\026\024\177\024\272\270\117\373\211\262
\262\347\324\011\314\155\271\133\073\144\145\160\146\267\362\261
\132\337\032\002\363\365\121\270\147\155\171\363\277\126\173\344
\204\271\053\036\233\100\234\046\064\371\107\030\230\151\330\034
\327\266\321\277\217\141\302\147\304\265\357\140\103\216\020\033
\066\111\344\040\312\255\247\301\261\047\145\011\370\315\365\133
\052\320\204\063\363\357\037\362\365\234\013\130\223\067\240\165
\240\336\162\336\154\165\052\146\042\365\214\006\060\126\237\100
\271\060\252\100\167\025\202\327\213\354\300\323\262\275\203\305
\167\014\036\256\257\031\123\240\115\171\161\237\017\257\060\316
\147\371\326\054\314\042\101\172\007\362\227\102\030\316\131\171
\020\125\336\157\020\344\270\332\203\146\100\026\011\150\043\133
\227\056\046\232\002\273\127\214\305\270\272\151\142\062\200\211
\236\241\375\300\222\174\173\053\063\031\204\052\143\305\000\150
\142\372\237\107\215\231\172\105\072\247\351\355\356\151\102\265
\363\201\233\107\126\020\173\374\160\066\204\030\163\352\357\371
\227\115\236\063\043\335\046\013\272\052\267\077\104\334\203\047
\377\275\141\131\053\021\267\312\117\333\305\213\014\034\061\256
\062\370\370\271\102\367\177\334\141\232\166\261\132\004\341\021
\075\146\105\267\030\161\276\311\044\205\326\363\324\272\101\064
\135\022\055\045\271\215\246\023\110\155\113\260\007\175\231\223
\011\141\201\164\127\046\212\253\151\343\344\331\307\210\314\044
\330\354\122\044\134\036\274\221\024\342\226\336\353\012\332\236
\335\137\263\133\333\324\202\354\306\040\120\207\045\100\072\373
\307\356\315\376\063\345\156\303\204\011\125\003\045\071\300\351
\065\135\145\061\250\366\277\240\011\315\051\307\263\066\062\056
\334\225\363\203\301\132\317\213\215\366\352\263\041\370\244\355
\036\061\016\266\114\021\253\140\013\244\022\043\042\027\243\066
\144\202\221\004\022\340\253\157\036\313\120\005\141\264\100\377
\131\206\161\321\325\063\151\174\251\163\212\070\327\144\014\361
\151

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Microsoft Root Certificate Authority 2010"
Issuer: CN=Microsoft Root Certificate Authority 2010,O=Microsoft
Corporation,L=Redmond,ST=Washington,C=US
Serial Number:28:cc:3a:25:bf:ba:44:ac:44:9a:9b:58:6b:43:39:aa
Subject: CN=Microsoft Root Certificate Authority 2010,O=Microsoft
Corporation,L=Redmond,ST=Washington,C=US
Not Valid Before: Wed Jun 23 21:57:24 2010
Not Valid After: Sat Jun 23 22:04:01 2035
Fingerprint (MD5): a2:66:bb:7d:cc:38:a5:62:63:13:61:bb:f6:1d:d1:1b

```
# Fingerprint (SHA1): 3b:1e:fd:3a:66:ea:28:b1:66:97:39:47:03:a7:2c:a3:40:a0:5b:d5
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft Root Certificate Authority 2010"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\073\036\375\072\146\352\050\261\146\227\071\107\003\247\054\243
\100\240\133\325
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\242\146\273\175\314\070\245\142\143\023\141\273\366\035\321\033
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\062\060\060\006\003\125\004\003
\023\051\115\151\143\162\157\163\157\146\164\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\062\060\061\060
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\050\314\072\045\277\272\104\254\104\232\233\130\153\103
\071\252
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Entrust.net Secure Server Certification Authority"
# Issuer: CN=Entrust.net Secure Server Certification Authority,OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS incorp. by ref. (limits liab.),O=Entrust.net,C=US
# Serial Number:37:4a:d2:43
# Subject: CN=Entrust.net Secure Server Certification Authority,OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS incorp. by ref. (limits liab.),O=Entrust.net,C=US
# Not Valid Before: Tue May 25 16:09:40 1999
# Not Valid After: Sat May 25 16:39:40 2019
# Fingerprint (MD5): df:f2:80:73:cc:f1:e6:61:73:fc:f5:42:e9:c5:7c:ee
# Fingerprint (SHA1): 99:a6:9b:e6:1a:fe:88:6b:4d:2b:82:00:7c:b8:54:fc:31:7e:15:39
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```


CKA_LABEL UTF8 "Entrust.net Secure Server Certification Authority"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\201\303\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\024\060\022\006\003\125\004\012\023\013\105\156\164\162\165
\163\164\056\156\145\164\061\073\060\071\006\003\125\004\013\023
\062\167\167\167\056\145\156\164\162\165\163\164\056\156\145\164
\057\103\120\123\040\151\156\143\157\162\160\056\040\142\171\040
\162\145\146\056\040\050\154\151\155\151\164\163\040\154\151\141
\142\056\051\061\045\060\043\006\003\125\004\013\023\034\050\143
\051\040\061\071\071\071\040\105\156\164\162\165\163\164\056\156
\145\164\040\114\151\155\151\164\145\144\061\072\060\070\006\003
\125\004\003\023\061\105\156\164\162\165\163\164\056\156\145\164
\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\303\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\024\060\022\006\003\125\004\012\023\013\105\156\164\162\165
\163\164\056\156\145\164\061\073\060\071\006\003\125\004\013\023
\062\167\167\167\056\145\156\164\162\165\163\164\056\156\145\164
\057\103\120\123\040\151\156\143\157\162\160\056\040\142\171\040
\162\145\146\056\040\050\154\151\155\151\164\163\040\154\151\141
\142\056\051\061\045\060\043\006\003\125\004\013\023\034\050\143
\051\040\061\071\071\071\040\105\156\164\162\165\163\164\056\156
\145\164\040\114\151\155\151\164\145\144\061\072\060\070\006\003
\125\004\003\023\061\105\156\164\162\165\163\164\056\156\145\164
\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\004\067\112\322\103

END

CKA_VALUE MULTILINE_OCTAL

\060\202\004\330\060\202\004\101\240\003\002\001\002\002\004\067
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\005\000\060\201\303\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\024\060\022\006\003\125\004\012\023\013\105\156\164
\162\165\163\164\056\156\145\164\061\073\060\071\006\003\125\004
\013\023\062\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\156\143\157\162\160\056\040\142
\171\040\162\145\146\056\040\050\154\151\155\151\164\163\040\154
\151\141\142\056\051\061\045\060\043\006\003\125\004\013\023\034
\050\143\051\040\061\071\071\071\040\105\156\164\162\165\163\164
\056\156\145\164\040\114\151\155\151\164\145\144\061\072\060\070

\006\003\125\004\003\023\061\105\156\164\162\165\163\164\056\156
\145\164\040\123\145\143\165\162\145\040\123\145\162\166\145\162
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\060\036\027\015\071\071\060\065
\062\065\061\066\060\071\064\060\132\027\015\061\071\060\065\062
\065\061\066\063\071\064\060\132\060\201\303\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\024\060\022\006\003\125\004
\012\023\013\105\156\164\162\165\163\164\056\156\145\164\061\073
\060\071\006\003\125\004\013\023\062\167\167\167\056\145\156\164
\162\165\163\164\056\156\145\164\057\103\120\123\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\072\060\070\006\003\125\004\003\023\061\105\156\164
\162\165\163\164\056\156\145\164\040\123\145\143\165\162\145\040
\123\145\162\166\145\162\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\201
\235\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
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\033\211\363\017\257\067\221\061\377\257\061\140\311\250\350\262
\020\150\355\237\347\223\066\361\012\144\273\107\365\004\027\077
\043\107\115\305\047\031\201\046\014\124\162\015\210\055\331\037
\232\022\237\274\263\161\323\200\031\077\107\146\173\214\065\050
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\302\112\330\051\222\046\144\321\344\230\154\072\000\212\365\064
\233\145\370\355\343\020\377\375\270\111\130\334\240\336\202\071
\153\201\261\026\031\141\271\124\266\346\103\002\001\003\243\202
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\102\001\001\004\004\003\002\000\007\060\202\001\031\006\003\125
\035\037\004\202\001\020\060\202\001\014\060\201\336\240\201\333
\240\201\330\244\201\325\060\201\322\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\024\060\022\006\003\125\004\012\023
\013\105\156\164\162\165\163\164\056\156\145\164\061\073\060\071
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\163\164\056\156\145\164\057\103\120\123\040\151\156\143\157\162
\160\056\040\142\171\040\162\145\146\056\040\050\154\151\155\151
\164\163\040\154\151\141\142\056\051\061\045\060\043\006\003\125
\004\013\023\034\050\143\051\040\061\071\071\071\040\105\156\164
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\061\072\060\070\006\003\125\004\003\023\061\105\156\164\162\165
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\162\166\145\162\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\015\060\013
\006\003\125\004\003\023\004\103\122\114\061\060\051\240\047\240
\045\206\043\150\164\164\160\072\057\057\167\167\167\056\145\156
\164\162\165\163\164\056\156\145\164\057\103\122\114\057\156\145
\164\061\056\143\162\154\060\053\006\003\125\035\020\004\044\060

\042\200\017\061\071\071\071\060\065\062\065\061\066\060\071\064
\060\132\201\017\062\060\061\071\060\065\062\065\061\066\060\071
\064\060\132\060\013\006\003\125\035\017\004\004\003\002\001\006
\060\037\006\003\125\035\043\004\030\060\026\200\024\360\027\142
\023\125\075\263\377\012\000\153\373\120\204\227\363\355\142\320
\032\060\035\006\003\125\035\016\004\026\004\024\360\027\142\023
\125\075\263\377\012\000\153\373\120\204\227\363\355\142\320\032
\060\014\006\003\125\035\023\004\005\060\003\001\001\377\060\031
\006\011\052\206\110\206\366\175\007\101\000\004\014\060\012\033
\004\126\064\056\060\003\002\004\220\060\015\006\011\052\206\110
\206\367\015\001\001\005\005\000\003\201\201\000\220\334\060\002
\372\144\164\302\247\012\245\174\041\215\064\027\250\373\107\016
\377\045\174\215\023\012\373\344\230\265\357\214\370\305\020\015
\367\222\276\361\303\325\325\225\152\004\273\054\316\046\066\145
\310\061\306\347\356\077\343\127\165\204\172\021\357\106\117\030
\364\323\230\273\250\207\062\272\162\366\074\342\075\237\327\035
\331\303\140\103\214\130\016\042\226\057\142\243\054\037\272\255
\005\357\253\062\170\207\240\124\163\031\265\134\005\371\122\076
\155\055\105\013\367\012\223\352\355\006\371\262

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Entrust.net Secure Server Certification Authority"

Issuer: CN=Entrust.net Secure Server Certification Authority,OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS incorp. by ref. (limits liab.),O=Entrust.net,C=US

Serial Number:37:4a:d2:43

Subject: CN=Entrust.net Secure Server Certification Authority,OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS incorp. by ref. (limits liab.),O=Entrust.net,C=US

Not Valid Before: Tue May 25 16:09:40 1999

Not Valid After: Sat May 25 16:39:40 2019

Fingerprint (MD5): df:f2:80:73:cc:f1:e6:61:73:fc:f5:42:e9:c5:7c:ee

Fingerprint (SHA1): 99:a6:9b:e6:1a:fe:88:6b:4d:2b:82:00:7c:b8:54:fc:31:7e:15:39

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Entrust.net Secure Server Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\231\246\233\346\032\376\210\153\115\053\202\000\174\270\124\374
\061\176\025\071

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\337\362\200\163\314\361\346\141\163\374\365\102\351\305\174\356

END

CKA_ISSUER MULTILINE_OCTAL

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\060\201\303\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\024\060\022\006\003\125\004\012\023\013\105\156\164\162\165
\163\164\056\156\145\164\061\073\060\071\006\003\125\004\013\023
\062\167\167\167\056\145\156\164\162\165\163\164\056\156\145\164
\057\103\120\123\040\151\156\143\157\162\160\056\040\142\171\040
\162\145\146\056\040\050\154\151\155\151\164\163\040\154\151\141
\142\056\051\061\045\060\043\006\003\125\004\013\023\034\050\143
\051\040\061\071\071\071\040\105\156\164\162\165\163\164\056\156
\145\164\040\114\151\155\151\164\145\144\061\072\060\070\006\003
\125\004\003\023\061\105\156\164\162\165\163\164\056\156\145\164
\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171
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END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

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\002\004\067\112\322\103
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END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "UTN-USERFirst-Object"

Issuer: CN=UTN-USERFirst-Object,OU=http://www.usertrust.com,O=The USERTRUST Network,L=Salt Lake City,ST=UT,C=US

Serial Number:44:be:0c:8b:50:00:24:b4:11:d3:36:2d:e0:b3:5f:1b

Subject: CN=UTN-USERFirst-Object,OU=http://www.usertrust.com,O=The USERTRUST Network,L=Salt Lake City,ST=UT,C=US

Not Valid Before: Fri Jul 09 18:31:20 1999

Not Valid After: Tue Jul 09 18:40:36 2019

Fingerprint (MD5): a7:f2:e4:16:06:41:11:50:30:6b:9c:e3:b4:9c:b0:c9

Fingerprint (SHA1): e1:2d:fb:4b:41:d7:d9:c3:2b:30:51:4b:ac:1d:81:d8:38:5e:2d:46

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "UTN-USERFirst-Object"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

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\025\006\003\125\004\007\023\016\123\141\154\164\040\114\141\153
\145\040\103\151\164\171\061\036\060\034\006\003\125\004\012\023
\025\124\150\145\040\125\123\105\122\124\122\125\123\124\040\116
\145\164\167\157\162\153\061\041\060\037\006\003\125\004\013\023
\030\150\164\164\160\072\057\057\167\167\167\056\165\163\145\162
\164\162\165\163\164\056\143\157\155\061\035\060\033\006\003\125
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\004\003\023\024\125\124\116\055\125\123\105\122\106\151\162\163
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END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

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\025\006\003\125\004\007\023\016\123\141\154\164\040\114\141\153
\145\040\103\151\164\171\061\036\060\034\006\003\125\004\012\023
\025\124\150\145\040\125\123\105\122\124\122\125\123\124\040\116
\145\164\167\157\162\153\061\041\060\037\006\003\125\004\013\023
\030\150\164\164\160\072\057\057\167\167\167\056\165\163\145\162
\164\162\165\163\164\056\143\157\155\061\035\060\033\006\003\125
\004\003\023\024\125\124\116\055\125\123\105\122\106\151\162\163
\164\055\117\142\152\145\143\164

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\104\276\014\213\120\000\044\264\021\323\066\055\340\263
\137\033

END

CKA_VALUE MULTILINE_OCTAL

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\225\061\013\060\011\006\003\125\004\006\023\002\125\123\061\013
\060\011\006\003\125\004\010\023\002\125\124\061\027\060\025\006
\003\125\004\007\023\016\123\141\154\164\040\114\141\153\145\040
\103\151\164\171\061\036\060\034\006\003\125\004\012\023\025\124
\150\145\040\125\123\105\122\124\122\125\123\124\040\116\145\164
\167\157\162\153\061\041\060\037\006\003\125\004\013\023\030\150
\164\164\160\072\057\057\167\167\167\056\165\163\145\162\164\162
\165\163\164\056\143\157\155\061\035\060\033\006\003\125\004\003
\023\024\125\124\116\055\125\123\105\122\106\151\162\163\164\055
\117\142\152\145\143\164\060\036\027\015\071\071\060\067\060\071
\061\070\063\061\062\060\132\027\015\061\071\060\067\060\071\061
\070\064\060\063\066\132\060\201\225\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\013\060\011\006\003\125\004\010\023
\002\125\124\061\027\060\025\006\003\125\004\007\023\016\123\141
\154\164\040\114\141\153\145\040\103\151\164\171\061\036\060\034
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\122\125\123\124\040\116\145\164\167\157\162\153\061\041\060\037
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\037\034\337\072\233\202\150\060\300\112\141\035\361\057\016\372
\276\171\367\245\043\357\125\121\226\204\315\333\343\271\156\076
\061\330\012\040\147\307\364\331\277\224\353\107\004\076\002\316
\052\242\135\207\004\011\366\060\235\030\212\227\262\252\034\374
\101\322\241\066\313\373\075\221\272\347\331\160\065\372\344\347
\220\303\233\243\233\323\074\365\022\231\167\261\267\011\340\150
\346\034\270\363\224\143\210\152\152\376\013\166\311\276\364\042
\344\147\271\253\032\136\167\301\205\007\335\015\154\277\356\006
\307\167\152\101\236\247\017\327\373\356\224\027\267\374\205\276
\244\253\304\034\061\335\327\266\321\344\360\357\337\026\217\262
\122\223\327\241\324\211\241\007\056\277\341\001\022\102\036\032
\341\330\225\064\333\144\171\050\377\272\056\021\302\345\350\133
\222\110\373\107\013\302\154\332\255\062\203\101\363\245\345\101
\160\375\145\220\155\372\372\121\304\371\275\226\053\031\004\054
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\003\001\000\001\243\201\257\060\201\254\060\013\006\003\125\035
\017\004\004\003\002\001\306\060\017\006\003\125\035\023\001\001
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\060\071\060\067\240\065\240\063\206\061\150\164\164\160\072\057
\057\143\162\154\056\165\163\145\162\164\162\165\163\164\056\143
\157\155\057\125\124\116\055\125\123\105\122\106\151\162\163\164
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\001\202\067\012\003\004\060\015\006\011\052\206\110\206\367\015
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\170\333\375\316\271\332\225\226\230\252\125\144\200\265\132\100
\335\041\245\305\301\363\137\054\114\310\107\132\151\352\350\360
\065\065\364\320\045\363\310\246\244\207\112\275\033\261\163\010
\275\324\303\312\266\065\273\131\206\167\061\315\247\200\024\256
\023\357\374\261\110\371\153\045\045\055\121\266\054\155\105\301
\230\310\212\126\135\076\356\103\116\076\153\047\216\320\072\113
\205\013\137\323\355\152\247\165\313\321\132\207\057\071\165\023
\132\162\260\002\201\237\276\360\017\204\124\040\142\154\151\324
\341\115\306\015\231\103\001\015\022\226\214\170\235\277\120\242
\261\104\252\152\317\027\172\317\157\017\324\370\044\125\137\360
\064\026\111\146\076\120\106\311\143\161\070\061\142\270\142\271
\363\123\255\154\265\053\242\022\252\031\117\011\332\136\347\223
\306\216\024\010\376\360\060\200\030\240\206\205\115\310\175\327
\213\003\376\156\325\367\235\026\254\222\054\240\043\345\234\221
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\275\023\122\035\250\076\315\000\037\310

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Trust for "UTN-USERFirst-Object"
# Issuer: CN=UTN-USERFirst-Object,OU=http://www.usertrust.com,O=The USERTRUST Network,L=Salt Lake
City,ST=UT,C=US
# Serial Number:44:be:0c:8b:50:00:24:b4:11:d3:36:2d:e0:b3:5f:1b
# Subject: CN=UTN-USERFirst-Object,OU=http://www.usertrust.com,O=The USERTRUST Network,L=Salt Lake
City,ST=UT,C=US
# Not Valid Before: Fri Jul 09 18:31:20 1999
# Not Valid After: Tue Jul 09 18:40:36 2019
# Fingerprint (MD5): a7:f2:e4:16:06:41:11:50:30:6b:9c:e3:b4:9c:b0:c9
# Fingerprint (SHA1): e1:2d:fb:4b:41:d7:d9:c3:2b:30:51:4b:ac:1d:81:d8:38:5e:2d:46
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UTN-USERFirst-Object"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\341\055\373\113\101\327\331\303\053\060\121\113\254\035\201\330
\070\136\055\106
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\247\362\344\026\006\101\021\120\060\153\234\343\264\234\260\311
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\013\060\011\006\003\125\004\010\023\002\125\124\061\027\060
\025\006\003\125\004\007\023\016\123\141\154\164\040\114\141\153
\145\040\103\151\164\171\061\036\060\034\006\003\125\004\012\023
\025\124\150\145\040\125\123\105\122\124\122\125\123\124\040\116
\145\164\167\157\162\153\061\041\060\037\006\003\125\004\013\023
\030\150\164\164\160\072\057\057\167\167\167\056\165\163\145\162
\164\162\165\163\164\056\143\157\155\061\035\060\033\006\003\125
\004\003\023\024\125\124\116\055\125\123\105\122\106\151\162\163
\164\055\117\142\152\145\143\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\104\276\014\213\120\000\044\264\021\323\066\055\340\263
\137\033
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "BYTE Root Certification Authority 001"
# Issuer: CN=BYTE Root Certification Authority 001,O=BYTE Computer S.A.,C=GR
```

```
# Serial Number:71:8c:2f:39:7c:40:74:40
# Subject: CN=BYTE Root Certification Authority 001,O=BYTE Computer S.A.,C=GR
# Not Valid Before: Wed Sep 10 22:01:54 2014
# Not Valid After: Sat Sep 10 22:01:54 2039
# Fingerprint (MD5): fa:fb:82:6a:e5:b3:a2:83:50:9b:83:28:b6:41:42:03
# Fingerprint (SHA1): 3f:0f:eb:17:a7:ef:58:04:cf:d9:0a:77:b7:bb:02:1e:a6:9c:64:18
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "BYTE Root Certification Authority 001"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\033\060\031\006\003\125\004\012\014\022\102\131\124\105\040\103
\157\155\160\165\164\145\162\040\123\056\101\056\061\056\060\054
\006\003\125\004\003\014\045\102\131\124\105\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\060\060\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\033\060\031\006\003\125\004\012\014\022\102\131\124\105\040\103
\157\155\160\165\164\145\162\040\123\056\101\056\061\056\060\054
\006\003\125\004\003\014\045\102\131\124\105\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\060\060\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\161\214\057\071\174\100\164\100
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\231\060\202\003\201\240\003\002\001\002\002\010\161
\214\057\071\174\100\164\100\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\132\061\013\060\011\006\003\125\004
\006\023\002\107\122\061\033\060\031\006\003\125\004\012\014\022
\102\131\124\105\040\103\157\155\160\165\164\145\162\040\123\056
\101\056\061\056\060\054\006\003\125\004\003\014\045\102\131\124
\105\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\060
\060\061\060\036\027\015\061\064\060\071\061\060\062\062\060\061
\065\064\132\027\015\063\071\060\071\061\060\062\062\060\061\065
\064\132\060\132\061\013\060\011\006\003\125\004\006\023\002\107
\122\061\033\060\031\006\003\125\004\012\014\022\102\131\124\105
\040\103\157\155\160\165\164\145\162\040\123\056\101\056\061\056
\060\054\006\003\125\004\003\014\045\102\131\124\105\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
```


\040\101\165\164\150\157\162\151\164\171\040\060\060\061\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\355
\022\056\027\163\236\157\364\363\231\350\236\010\127\011\064\044
\021\100\037\214\041\176\033\257\070\303\321\307\346\024\345\372
\033\272\136\146\365\045\151\367\355\315\156\202\160\257\272\102
\360\261\031\134\053\374\105\204\030\054\172\027\117\141\205\106
\031\174\316\301\215\237\124\236\167\045\146\017\340\366\370\222
\312\051\316\047\127\025\052\154\202\070\155\047\346\276\115\163
\016\163\257\343\161\075\274\011\102\017\325\015\241\355\175\153
\256\367\301\360\154\315\302\227\241\130\375\065\025\226\027\114
\237\277\365\361\071\113\160\267\347\112\154\034\077\301\160\133
\317\326\213\353\357\157\060\350\137\310\106\167\041\142\026\136
\306\124\105\071\365\164\272\147\044\150\245\161\133\076\301\373
\011\223\353\042\231\370\322\365\173\002\154\217\130\342\253\357
\335\164\041\344\044\151\224\100\326\301\004\030\016\330\102\360
\375\327\212\005\300\137\033\212\353\056\300\015\007\006\163\001
\205\216\037\301\300\212\241\130\246\121\271\130\221\102\017\156
\341\274\012\350\273\050\203\025\165\345\015\376\111\060\051\051
\102\302\302\066\377\244\074\175\056\367\332\362\242\057\026\274
\141\250\231\130\030\244\111\306\152\007\022\353\033\174\264\316
\347\373\041\200\053\160\246\310\316\255\125\036\037\035\204\320
\375\124\152\114\126\143\310\335\176\240\371\071\333\357\174\132
\367\214\065\245\156\052\126\372\376\343\137\223\124\162\016\150
\343\111\053\223\115\065\042\227\024\225\146\117\247\167\072\056
\045\114\366\011\213\022\033\161\305\162\247\233\271\274\353\034
\240\245\311\124\203\141\334\127\125\255\265\346\332\170\053\166
\247\376\370\333\376\214\063\244\212\243\106\134\255\262\012\022
\016\212\344\120\236\360\270\313\231\123\114\144\041\153\212\070
\052\340\210\206\000\324\027\254\146\262\347\276\055\073\051\345
\370\247\224\333\214\130\370\322\113\060\237\362\304\142\145\120
\107\162\200\317\244\160\100\266\275\104\376\331\277\050\053\056
\067\307\263\121\016\202\051\265\261\157\255\176\054\223\300\251
\177\221\372\307\037\065\360\273\227\311\117\141\050\220\204\101
\350\175\041\100\305\311\206\074\355\232\255\205\234\242\123\002
\003\001\000\001\243\143\060\141\060\035\006\003\125\035\016\004
\026\004\024\264\115\146\267\323\263\310\231\174\001\062\320\221
\072\367\326\250\022\061\336\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\037\006\003\125\035\043\004
\030\060\026\200\024\264\115\146\267\323\263\310\231\174\001\062
\320\221\072\367\326\250\022\061\336\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110
\206\367\015\001\001\013\005\000\003\202\002\001\000\034\032\353
\006\256\125\275\073\077\066\054\141\236\352\307\123\374\160\252
\062\157\344\102\252\353\275\205\354\033\212\132\362\225\226\051
\241\004\006\222\316\044\127\377\100\043\170\116\311\370\060\115
\102\125\104\116\067\242\175\153\216\150\376\016\376\177\337\260
\237\143\121\363\341\305\245\224\237\212\043\050\110\363\101\213

\322\376\170\355\331\320\010\017\155\175\325\235\225\254\325\376
\022\146\032\344\276\165\124\363\321\115\234\116\023\324\236\160
\064\155\250\272\012\063\210\215\255\005\067\376\113\171\177\175
\003\101\171\023\015\237\075\367\070\234\065\132\104\117\076\074
\242\345\201\305\177\137\166\117\033\073\156\157\232\155\267\355
\017\313\062\037\210\264\105\014\234\021\322\370\004\132\023\067
\131\230\201\316\114\364\345\224\050\004\304\265\123\311\124\215
\160\077\150\001\333\314\023\012\344\045\243\154\231\355\020\263
\172\040\251\111\274\005\364\370\033\150\326\272\040\035\202\147
\146\340\260\237\134\312\065\322\105\256\325\210\031\333\172\006
\233\214\240\067\207\121\043\276\105\332\134\263\177\153\317\306
\250\034\063\212\173\035\221\372\236\274\354\175\073\105\025\117
\033\247\073\065\264\171\363\133\202\120\340\234\247\355\026\165
\333\143\200\142\241\332\030\002\152\200\336\202\252\104\115\104
\070\050\252\156\372\030\143\071\140\367\103\051\111\132\272\044
\300\277\263\012\227\035\147\111\132\042\262\147\004\234\130\251
\370\014\064\134\100\226\264\207\265\105\141\031\345\216\357\006
\336\221\025\300\270\212\312\224\311\012\165\175\161\073\130\201
\063\310\367\007\101\125\230\051\103\265\313\232\103\351\162\372
\317\360\213\061\274\347\357\271\152\343\101\235\041\076\015\025
\250\205\275\033\116\207\216\107\262\020\376\067\030\152\204\345
\211\034\024\143\350\271\203\251\265\273\350\143\232\172\031\214
\313\164\367\370\027\010\361\213\031\330\264\354\036\156\111\163
\077\134\040\335\065\052\226\167\351\106\157\026\073\313\251\357
\233\012\041\021\310\303\244\311\043\105\155\077\142\225\235\323
\050\307\235\017\263\376\067\215\035\110\262\120\346\045\271\116
\063\141\066\326\026\034\312\062\067\040\166\034\054

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "BYTE Root Certification Authority 001"
Issuer: CN=BYTE Root Certification Authority 001,O=BYTE Computer S.A.,C=GR
Serial Number:71:8c:2f:39:7c:40:74:40
Subject: CN=BYTE Root Certification Authority 001,O=BYTE Computer S.A.,C=GR
Not Valid Before: Wed Sep 10 22:01:54 2014
Not Valid After: Sat Sep 10 22:01:54 2039
Fingerprint (MD5): fa:fb:82:6a:e5:b3:a2:83:50:9b:83:28:b6:41:42:03
Fingerprint (SHA1): 3f:0f:eb:17:a7:ef:58:04:cf:d9:0a:77:b7:bb:02:1e:a6:9c:64:18
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "BYTE Root Certification Authority 001"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\077\017\353\027\247\357\130\004\317\331\012\167\267\273\002\036

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\246\234\144\030
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\372\373\202\152\345\263\242\203\120\233\203\050\266\101\102\003
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\033\060\031\006\003\125\004\012\014\022\102\131\124\105\040\103
\157\155\160\165\164\145\162\040\123\056\101\056\061\056\060\054
\006\003\125\004\003\014\045\102\131\124\105\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\060\060\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\161\214\057\071\174\100\164\100
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "CISRCA1"
# Issuer: CN=CISRCA1,OU=Certification Authorities,O=Carillon Information Security Inc.,C=CA
# Serial Number:0b:82:dc:94:33:76
# Subject: CN=CISRCA1,OU=Certification Authorities,O=Carillon Information Security Inc.,C=CA
# Not Valid Before: Tue Oct 16 18:28:33 2012
# Not Valid After: Sat Oct 16 18:28:33 2032
# Fingerprint (MD5): 21:48:4b:8f:d5:50:78:27:86:80:c9:86:93:ad:b1:38
# Fingerprint (SHA1): a6:9e:03:36:c4:e5:90:23:ff:65:3c:71:f9:28:eb:73:f2:1c:00:f0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CISRCA1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\160\061\013\060\011\006\003\125\004\006\023\002\103\101\061
\053\060\051\006\003\125\004\012\023\042\103\141\162\151\154\154
\157\156\040\111\156\146\157\162\155\141\164\151\157\156\040\123
\145\143\165\162\151\164\171\040\111\156\143\056\061\042\060\040
\006\003\125\004\013\023\031\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\151\145\163
\061\020\060\016\006\003\125\004\003\023\007\103\111\123\122\103
\101\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

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\060\160\061\013\060\011\006\003\125\004\006\023\002\103\101\061
\053\060\051\006\003\125\004\012\023\042\103\141\162\151\154\154
\157\156\040\111\156\146\157\162\155\141\164\151\157\156\040\123
\145\143\165\162\151\164\171\040\111\156\143\056\061\042\060\040
\006\003\125\004\013\023\031\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\151\145\163
\061\020\060\016\006\003\125\004\003\023\007\103\111\123\122\103
\101\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\006\013\202\334\224\063\166

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\242\060\202\003\212\240\003\002\001\002\002\006\013
\202\334\224\063\166\060\015\006\011\052\206\110\206\367\015\001
\001\013\005\000\060\160\061\013\060\011\006\003\125\004\006\023
\002\103\101\061\053\060\051\006\003\125\004\012\023\042\103\141
\162\151\154\154\157\156\040\111\156\146\157\162\155\141\164\151
\157\156\040\123\145\143\165\162\151\164\171\040\111\156\143\056
\061\042\060\040\006\003\125\004\013\023\031\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\151\145\163\061\020\060\016\006\003\125\004\003\023\007\103
\111\123\122\103\101\061\060\036\027\015\061\062\061\060\061\066
\061\070\062\070\063\063\132\027\015\063\062\061\060\061\066\061
\070\062\070\063\063\132\060\160\061\013\060\011\006\003\125\004
\006\023\002\103\101\061\053\060\051\006\003\125\004\012\023\042
\103\141\162\151\154\154\157\156\040\111\156\146\157\162\155\141
\164\151\157\156\040\123\145\143\165\162\151\164\171\040\111\156
\143\056\061\042\060\040\006\003\125\004\013\023\031\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\151\145\163\061\020\060\016\006\003\125\004\003\023
\007\103\111\123\122\103\101\061\060\202\002\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000
\060\202\002\012\002\202\002\001\000\304\166\361\142\152\137\315
\051\315\004\066\177\156\141\176\163\364\235\146\337\042\132\232
\203\104\201\146\375\116\021\260\076\254\350\210\262\123\071\377
\343\272\276\324\377\323\205\330\275\133\257\150\117\063\254\270
\024\175\022\133\172\225\153\307\066\376\053\217\364\210\140\211
\072\252\131\070\114\301\135\125\201\245\337\330\037\061\172\323
\243\116\360\121\313\303\061\207\256\013\336\312\136\033\241\164
\070\360\222\167\161\074\313\023\176\240\301\012\230\275\330\270
\370\124\064\230\116\147\026\232\127\113\046\206\137\033\146\162
\252\301\362\150\202\235\130\101\174\161\042\342\317\001\061\376
\342\340\126\251\150\340\255\063\257\065\071\056\234\156\006\114
\363\043\166\057\151\046\350\005\071\151\267\365\110\032\367\337
\331\071\067\062\125\021\047\004\201\037\235\074\213\214\203\122
\167\301\256\054\315\053\052\112\345\055\361\031\151\272\207\136
\213\235\340\161\310\164\322\315\356\156\070\067\152\135\031\000

\322\166\335\242\353\156\073\252\035\365\066\006\117\137\136\154
\302\020\363\335\157\265\332\171\132\376\325\106\104\064\110\257
\206\000\064\174\044\204\335\105\220\371\026\202\254\250\221\324
\351\106\063\157\176\272\107\037\341\357\257\345\120\326\306\371
\247\355\154\227\252\053\051\116\135\305\370\036\366\164\311\253
\044\370\015\123\307\150\025\276\374\134\253\075\162\013\322\160
\004\267\026\343\151\251\361\147\272\306\000\114\173\200\064\065
\056\136\355\037\240\045\367\245\202\152\020\177\277\217\131\157
\303\106\246\312\102\116\102\043\205\006\071\065\214\265\361\327
\301\043\102\105\375\057\045\161\370\363\007\323\007\150\276\333
\230\154\052\366\245\107\367\260\145\140\255\256\174\346\021\035
\047\124\010\145\260\330\202\300\141\153\351\176\217\042\326\161
\035\153\101\040\145\330\127\232\037\174\016\132\124\340\224\260
\155\165\357\050\062\065\074\125\303\155\147\370\044\275\373\100
\363\132\235\066\331\065\114\273\342\153\331\261\066\017\344\157
\040\032\305\157\172\303\221\071\257\257\314\363\366\275\040\206
\272\323\044\041\074\037\067\051\346\237\374\032\277\230\337\074
\272\040\041\022\251\302\072\052\223\002\003\001\000\001\243\102
\060\100\060\035\006\003\125\035\016\004\026\004\024\352\225\025
\332\134\071\000\342\232\333\304\272\055\147\372\241\367\165\064
\355\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\306\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\003\202\002\001\000\065\320\330\270\236\362\011\370\360\237
\262\156\110\262\327\352\241\233\050\211\071\315\376\026\152\035
\351\234\202\137\121\107\072\365\236\321\274\256\037\237\342\134
\112\310\354\355\106\102\361\174\103\007\025\337\156\227\366\355
\206\374\237\305\010\136\202\016\243\056\250\012\056\274\216\033
\061\022\050\366\171\050\301\042\266\321\225\151\100\350\131\011
\047\242\221\144\166\352\320\023\215\160\374\145\303\157\021\237
\052\110\312\247\142\365\203\024\345\032\026\307\221\213\264\011
\305\316\173\343\344\035\155\227\242\351\313\046\036\153\264\334
\076\203\166\057\136\115\250\150\211\124\375\116\322\106\250\100
\366\330\312\170\317\066\032\075\131\145\214\233\365\053\037\114
\202\337\170\170\115\046\112\107\151\255\157\063\037\003\036\042
\116\331\006\131\236\106\374\120\065\137\306\205\033\344\033\370
\000\311\340\323\072\253\046\103\315\107\372\132\370\205\013\307
\062\332\265\015\055\060\051\072\171\263\024\351\245\017\160\045
\321\215\011\120\224\355\115\222\236\060\067\100\333\132\170\111
\217\017\071\057\275\056\327\253\010\224\311\051\212\367\335\214
\275\202\174\060\133\142\350\065\106\126\070\135\221\366\016\157
\214\356\225\237\375\164\235\355\355\020\253\316\213\217\267\255
\177\115\151\111\360\307\021\125\233\232\202\367\242\372\063\362
\104\021\372\025\113\106\251\233\153\227\102\326\264\267\011\021
\024\171\123\246\347\177\055\047\072\012\064\044\104\316\125\214
\172\200\165\163\002\113\342\372\106\224\175\063\024\015\102\126
\271\240\346\057\205\110\221\237\104\272\241\050\251\261\037\211
\172\046\012\123\134\205\271\174\204\230\214\050\140\245\266\172

```
\215\075\240\000\075\334\177\252\110\351\250\056\254\137\336\207
\055\134\244\153\026\352\275\350\225\265\316\170\011\370\161\066
\345\220\150\322\007\226\272\274\000\213\016\230\155\115\160\123
\300\303\314\033\023\234\110\232\231\075\022\300\047\216\141\222
\114\150\122\157\215\003\034\211\365\323\206\300\377\161\111\117
\040\153\375\321\157\221\044\365\361\107\043\115\131\337\320\275
\111\102\375\100\070\076\342\361\005\134\045\350\020\344\132\002
\003\343\273\174\045\052
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "CISRCA1"
```

```
# Issuer: CN=CISRCA1,OU=Certification Authorities,O=Carillon Information Security Inc.,C=CA
```

```
# Serial Number:0b:82:dc:94:33:76
```

```
# Subject: CN=CISRCA1,OU=Certification Authorities,O=Carillon Information Security Inc.,C=CA
```

```
# Not Valid Before: Tue Oct 16 18:28:33 2012
```

```
# Not Valid After: Sat Oct 16 18:28:33 2032
```

```
# Fingerprint (MD5): 21:48:4b:8f:d5:50:78:27:86:80:c9:86:93:ad:b1:38
```

```
# Fingerprint (SHA1): a6:9e:03:36:c4:e5:90:23:ff:65:3c:71:f9:28:eb:73:f2:1c:00:f0
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "CISRCA1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\246\236\003\066\304\345\220\043\377\145\074\161\371\050\353\163
\362\034\000\360
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\041\110\113\217\325\120\170\047\206\200\311\206\223\255\261\070
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\160\061\013\060\011\006\003\125\004\006\023\002\103\101\061
\053\060\051\006\003\125\004\012\023\042\103\141\162\151\154\154
\157\156\040\111\156\146\157\162\155\141\164\151\157\156\040\123
\145\143\165\162\151\164\171\040\111\156\143\056\061\042\060\040
\006\003\125\004\013\023\031\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\151\145\163
\061\020\060\016\006\003\125\004\003\023\007\103\111\123\122\103
\101\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\006\013\202\334\224\063\166
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "ePKI Root Certification Authority - G2"

Issuer: CN=ePKI Root Certification Authority - G2,O=Chunghwa Telecom Co., Ltd.,C=TW

Serial Number:d6:96:2e:c1:0a:15:93:12:af:8f:63:bc:d4:44:c9:5b

Subject: CN=ePKI Root Certification Authority - G2,O=Chunghwa Telecom Co., Ltd.,C=TW

Not Valid Before: Tue Nov 17 08:23:42 2015

Not Valid After: Thu Dec 31 15:59:59 2037

Fingerprint (MD5): 7d:f0:01:73:ed:fc:31:9d:16:86:7b:35:c7:26:dd:72

Fingerprint (SHA1): d9:9b:10:42:98:59:47:63:f0:b9:a9:27:b7:92:69:cb:47:dd:15:8b

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "ePKI Root Certification Authority - G2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\143\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\057\060\055\006\003\125\004\003\014\046\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\055\040\107\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\143\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\057\060\055\006\003\125\004\003\014\046\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\055\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\021\000\326\226\056\301\012\025\223\022\257\217\143\274\324
\104\311\133

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\223\060\202\003\173\240\003\002\001\002\002\021\000
\326\226\056\301\012\025\223\022\257\217\143\274\324\104\311\133
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\143\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043
\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167

\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114
\164\144\056\061\057\060\055\006\003\125\004\003\014\046\145\120
\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040
\055\040\107\062\060\036\027\015\061\065\061\061\061\067\060\070
\062\063\064\062\132\027\015\063\067\061\062\063\061\061\065\065
\071\065\071\132\060\143\061\013\060\011\006\003\125\004\006\023
\002\124\127\061\043\060\041\006\003\125\004\012\014\032\103\150
\165\156\147\150\167\141\040\124\145\154\145\143\157\155\040\103
\157\056\054\040\114\164\144\056\061\057\060\055\006\003\125\004
\003\014\046\145\120\113\111\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\040\055\040\107\062\060\202\002\042\060\015\006
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017
\000\060\202\002\012\002\202\002\001\000\244\131\037\240\057\337
\276\340\373\351\334\265\211\376\132\227\003\311\072\167\247\216
\134\257\362\343\030\071\365\252\335\017\106\322\150\017\127\234
\247\143\140\323\130\316\065\302\247\366\210\302\117\177\033\050
\351\320\247\000\304\027\115\155\342\017\305\016\046\043\040\253
\367\072\050\242\114\012\013\314\216\316\346\000\232\132\100\015
\324\120\032\233\321\015\234\224\371\333\356\134\320\361\212\007
\315\232\053\100\054\111\244\135\142\137\247\153\337\356\126\010
\120\363\102\030\154\061\260\136\345\234\163\222\274\016\322\014
\175\305\070\127\274\273\130\333\046\031\002\355\343\103\204\212
\116\126\153\333\255\241\061\331\314\042\147\226\170\377\167\235
\314\144\305\062\040\152\357\116\060\325\044\045\375\210\171\257
\161\032\376\325\113\033\025\210\274\030\160\252\275\255\070\012
\146\060\106\345\211\205\325\166\044\251\251\263\346\131\140\017
\264\251\123\302\072\235\105\032\326\256\343\167\136\304\142\066
\063\057\060\304\277\225\361\055\070\245\165\350\321\152\223\056
\105\207\113\112\242\337\277\130\047\232\312\142\031\252\136\324
\261\200\111\226\335\053\354\137\217\233\340\235\227\210\365\204
\003\243\257\263\245\163\055\101\272\345\007\267\157\153\161\367
\367\311\132\257\151\231\263\057\310\117\102\353\154\153\161\147
\170\337\012\254\117\327\112\205\000\106\032\325\315\270\237\352
\225\235\017\174\321\306\005\205\346\010\336\210\027\201\366\325
\265\156\352\241\034\327\141\252\343\131\102\211\234\131\176\261
\174\144\064\335\141\043\052\071\265\020\253\374\206\251\123\032
\305\353\152\342\200\116\131\221\300\070\211\376\263\135\326\373
\221\351\327\260\175\331\170\010\314\365\053\314\053\341\241\326
\224\163\301\376\121\364\214\175\012\265\232\212\271\365\332\340
\311\263\330\217\252\202\203\215\151\123\055\375\000\004\030\112
\240\332\124\341\171\214\211\353\177\365\202\347\240\271\167\115
\256\371\272\002\073\210\166\353\174\135\263\132\023\333\174\051
\026\153\231\321\035\344\110\041\242\015\136\001\210\350\276\361
\230\115\076\307\026\127\034\137\341\010\157\034\114\130\103\126
\367\200\145\214\161\016\242\004\147\117\002\003\001\000\001\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060

\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\162
\133\272\252\162\070\356\045\220\044\265\224\042\372\011\210\312
\213\012\373\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\002\001\000\006\243\361\266\163\125\306\147\146
\041\345\235\133\326\224\056\112\042\140\362\124\001\220\241\375
\265\277\300\225\277\030\137\054\366\153\065\016\374\061\310\355
\104\016\222\227\334\257\335\126\317\265\037\272\162\234\060\310
\233\261\221\300\166\167\324\017\032\225\032\351\115\024\210\241
\317\153\002\246\152\353\144\105\115\144\215\336\374\353\154\362
\123\011\241\205\121\025\320\117\236\142\372\021\271\316\310\044
\016\162\144\210\165\064\043\060\052\077\274\074\071\314\314\335
\013\066\273\275\006\202\217\022\001\305\161\005\321\044\241\231
\154\312\344\367\252\355\212\327\247\012\255\257\360\340\200\273
\241\262\077\132\207\144\160\206\063\173\015\036\327\000\206\203
\103\227\165\365\073\301\110\375\266\016\103\250\002\156\270\076
\177\217\116\342\135\264\175\236\060\064\057\250\361\353\047\207
\150\015\132\012\115\001\333\311\024\130\225\362\232\115\026\252
\163\333\364\045\210\027\070\267\257\131\011\011\264\037\055\017
\253\365\270\047\125\356\105\060\063\270\355\033\216\274\210\154
\257\370\132\052\153\340\254\261\005\044\241\011\374\243\017\363
\260\055\173\226\272\266\224\007\025\105\216\051\334\130\016\251
\005\330\073\072\240\173\315\212\307\146\202\227\317\326\063\340
\147\374\246\333\100\057\005\345\305\213\172\052\172\360\260\066
\233\014\030\366\067\351\101\241\375\261\050\371\157\153\275\353
\037\114\143\161\173\120\335\051\362\377\356\367\307\105\137\350
\066\012\350\154\133\042\303\350\300\347\046\334\343\250\225\200
\345\271\072\023\333\000\113\032\375\256\063\107\176\170\224\343
\261\135\053\265\126\265\102\213\237\201\305\374\223\114\020\265
\272\012\274\176\067\343\372\124\155\365\004\305\160\263\251\004
\322\121\327\205\315\175\157\103\217\131\150\345\061\126\021\161
\371\144\051\011\023\376\320\037\274\213\000\070\262\320\312\064
\126\166\020\071\126\163\146\303\321\111\331\276\127\117\077\026
\175\152\170\267\250\202\270\133\316\256\205\212\012\102\014\003
\321\027\304\030\367\330\127\210\306\202\270\007\271\076\375\244
\351\056\334\157\272\220\222\356\145\260\120\064\323\007\332\001
\227\017\274\347\163\202\173

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "ePKI Root Certification Authority - G2"
Issuer: CN=ePKI Root Certification Authority - G2,O=Chunghwa Telecom Co., Ltd.,C=TW
Serial Number:d6:96:2e:c1:0a:15:93:12:af:8f:63:bc:d4:44:c9:5b
Subject: CN=ePKI Root Certification Authority - G2,O=Chunghwa Telecom Co., Ltd.,C=TW
Not Valid Before: Tue Nov 17 08:23:42 2015

```
# Not Valid After: Thu Dec 31 15:59:59 2037
# Fingerprint (MD5): 7d:f0:01:73:ed:fc:31:9d:16:86:7b:35:c7:26:dd:72
# Fingerprint (SHA1): d9:9b:10:42:98:59:47:63:f0:b9:a9:27:b7:92:69:cb:47:dd:15:8b
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ePKI Root Certification Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\331\233\020\102\230\131\107\143\360\271\251\047\267\222\151\313
\107\335\025\213
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\175\360\001\163\355\374\061\235\026\206\173\065\307\046\335\162
END
CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\057\060\055\006\003\125\004\003\014\046\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\326\226\056\301\012\025\223\022\257\217\143\274\324
\104\311\133
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "ePKI EV SSL Certification Authority - G1"
# Issuer: CN=ePKI Root Certification Authority - G2,O=Chunghwa Telecom Co., Ltd.,C=TW
# Serial Number:f7:4e:18:0c:99:e2:7b:8d:9f:79:4f:b1:b7:c0:bf:48
# Subject: CN=ePKI EV SSL Certification Authority - G1,O=Chunghwa Telecom Co., Ltd.,C=TW
# Not Valid Before: Thu Feb 04 03:06:31 2016
# Not Valid After: Mon Feb 04 03:06:31 2030
# Fingerprint (MD5): bc:4d:9d:ca:03:11:b5:bc:94:7a:f1:1b:2a:20:16:d6
# Fingerprint (SHA1): 81:ac:5d:e1:50:d1:b8:de:5d:3e:0e:26:6a:13:6b:73:78:62:d3:22
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ePKI EV SSL Certification Authority - G1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

CKA_SUBJECT MULTILINE_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\061\060\057\006\003\125\004\003\014\050\145
\120\113\111\040\105\126\040\123\123\114\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\143\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\057\060\055\006\003\125\004\003\014\046\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\055\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\021\000\367\116\030\014\231\342\173\215\237\171\117\261\267
\300\277\110

END

CKA_VALUE MULTILINE_OCTAL

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\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167
\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114
\164\144\056\061\057\060\055\006\003\125\004\003\014\046\145\120
\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040
\055\040\107\062\060\036\027\015\061\066\060\062\060\064\060\063
\060\066\063\061\132\027\015\063\060\060\062\060\064\060\063\060
\066\063\061\132\060\145\061\013\060\011\006\003\125\004\006\023
\002\124\127\061\043\060\041\006\003\125\004\012\014\032\103\150
\165\156\147\150\167\141\040\124\145\154\145\143\157\155\040\103
\157\056\054\040\114\164\144\056\061\061\060\057\006\003\125\004
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\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\061\060\202\001\042\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\001\017\000\060\202\001\012\002\202\001\001\000\232\204\130\047
\136\236\036\371\147\367\036\234\052\203\070\072\150\356\263\137
\163\345\215\372\265\167\234\245\000\257\174\223\051\102\356\300
\377\337\015\331\035\110\057\320\312\017\064\163\025\323\166\273
\241\342\150\104\317\206\256\352\120\075\363\130\245\123\344\036

\264\360\243\021\135\037\344\103\353\226\276\212\177\133\227\026
\340\212\103\222\374\370\264\061\116\006\307\303\125\040\005\113
\204\257\251\012\210\274\360\306\344\076\012\330\051\167\340\033
\061\171\055\153\101\302\032\177\344\055\012\303\000\013\111\036
\052\125\355\230\167\136\225\363\234\324\330\124\041\035\311\022
\214\337\173\154\053\203\066\154\276\374\077\020\216\026\051\267
\105\141\040\117\344\316\321\332\161\061\052\023\001\372\237\230
\352\324\350\247\165\205\046\353\316\211\343\344\172\001\277\060
\036\371\246\037\313\155\052\171\076\041\354\132\047\341\101\137
\361\351\364\171\114\155\345\004\032\026\130\366\360\147\120\356
\035\151\326\237\261\107\364\227\353\350\330\223\053\217\217\000
\356\300\220\164\031\357\200\162\014\357\363\373\002\003\001\000
\001\243\202\001\170\060\202\001\164\060\037\006\003\125\035\043
\004\030\060\026\200\024\162\133\272\252\162\070\356\045\220\044
\265\224\042\372\011\210\312\213\012\373\060\035\006\003\125\035
\016\004\026\004\024\131\070\252\133\120\201\354\322\050\012\067
\343\012\244\006\204\251\222\231\071\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\074\006\003\125\035\037
\004\065\060\063\060\061\240\057\240\055\206\053\150\164\164\160
\072\057\057\145\143\141\056\150\151\156\145\164\056\156\145\164
\057\162\145\160\157\163\151\164\157\162\171\057\103\122\114\062
\057\103\101\056\143\162\154\060\201\213\006\010\053\006\001\005
\005\007\001\001\004\177\060\175\060\104\006\010\053\006\001\005
\005\007\060\002\206\070\150\164\164\160\072\057\057\145\143\141
\056\150\151\156\145\164\056\156\145\164\057\162\145\160\157\163
\151\164\157\162\171\057\103\145\162\164\163\057\111\163\163\165
\145\144\124\157\124\150\151\163\103\101\056\160\067\142\060\065
\006\010\053\006\001\005\005\007\060\001\206\051\150\164\164\160
\072\057\057\157\143\163\160\056\145\143\141\056\150\151\156\145
\164\056\156\145\164\057\117\103\123\120\057\157\143\163\160\107
\062\163\150\141\062\060\022\006\003\125\035\023\001\001\377\004
\010\060\006\001\001\377\002\001\000\060\102\006\003\125\035\040
\004\073\060\071\060\067\006\005\147\201\014\001\001\060\056\060
\054\006\010\053\006\001\005\005\007\002\001\026\040\150\164\164
\160\163\072\057\057\145\143\141\056\150\151\156\145\164\056\156
\145\164\057\162\145\160\157\163\151\164\157\162\171\060\015\006
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001
\000\024\176\101\241\225\160\343\303\026\140\321\153\074\006\373
\025\251\123\316\325\072\371\002\026\010\042\153\325\330\252\336
\115\212\033\123\141\335\276\207\134\035\247\177\277\065\124\250
\146\045\337\157\051\017\326\236\076\307\164\063\231\220\175\210
\314\141\346\151\070\060\136\216\150\023\013\316\123\113\210\330
\324\333\216\264\261\023\233\317\243\047\000\072\334\322\102\171
\046\166\063\067\157\146\271\033\020\072\314\270\013\355\223\321
\240\274\346\066\323\257\061\164\227\174\170\140\075\212\252\264
\123\215\163\115\371\030\016\303\344\027\252\120\351\030\013\060
\353\026\343\160\273\117\332\165\261\073\104\132\265\100\261\322
\225\304\200\001\264\024\257\173\105\075\215\067\046\200\313\063

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\056\372\212\004\076\030\052\175\064\325\056\242\171\072\143\253
\315\233\040\305\125\203\200\136\321\260\273\263\272\223\173\073
\215\121\133\054\173\213\377\246\253\334\034\031\144\136\245\021
\226\164\231\034\016\234\016\015\173\350\330\363\223\235\132\310
\244\356\315\024\010\345\343\102\353\235\212\124\333\063\354\344
\352\133\160\126\006\263\173\130\053\330\345\015\261\332\344\323
\244\127\140\351\113\243\236\077\342\155\346\203\060\040\306\335
\231\276\265\327\057\063\252\003\117\365\213\140\301\062\304\000
\164\250\265\310\065\327\102\320\004\174\350\066\037\003\016\303
\364\057\326\074\317\055\357\214\302\064\125\140\127\147\346\033
\164\165\251\042\105\313\316\154\145\171\207\101\221\066\305\354
\044\206\367\322\120\141\327\255\234\341\253\060\346\371\063\012
\007\101\050\370\270\023\170\341\277\027\035\136\031\265\112\227
\253\343\346\222\014\200\221\354\253\172\312\224\156\004\236\143
\014\041\106\220\132\223\234\221\063\370\104\134\255\170\314\232
\103\326\347\212\337\351\272\167\314\067\035\310\075\302\106\345
\031\123\260\234\341\345\275\322\047\321\152\034\273\256\120\265
\353\130\326\261\161\352\330\231\325\056\111\077\123\272\271\204
\110\264\321\016\203\343\367\105\323\301\252\304\201\136\020\215
\134\276\255\322\336\202\270\030\162\273\144\032\315\173\033\045
\333\242\202\212\324\315\142\157\134\061\074\127\166\371\017\045
\167
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END

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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "ePKI EV SSL Certification Authority - G1"
# Issuer: CN=ePKI Root Certification Authority - G2,O=Chunghwa Telecom Co., Ltd.,C=TW
# Serial Number:f7:4e:18:0c:99:e2:7b:8d:9f:79:4f:b1:b7:c0:bf:48
# Subject: CN=ePKI EV SSL Certification Authority - G1,O=Chunghwa Telecom Co., Ltd.,C=TW
# Not Valid Before: Thu Feb 04 03:06:31 2016
# Not Valid After: Mon Feb 04 03:06:31 2030
# Fingerprint (MD5): bc:4d:9d:ca:03:11:b5:bc:94:7a:f1:1b:2a:20:16:d6
# Fingerprint (SHA1): 81:ac:5d:e1:50:d1:b8:de:5d:3e:0e:26:6a:13:6b:73:78:62:d3:22
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ePKI EV SSL Certification Authority - G1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\201\254\135\341\120\321\270\336\135\076\016\046\152\023\153\163
\170\142\323\042
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\274\115\235\312\003\021\265\274\224\172\361\033\052\040\026\326
END
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CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\057\060\055\006\003\125\004\003\014\046\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\055\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\367\116\030\014\231\342\173\215\237\171\117\261\267
\300\277\110

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "SSL.com EV Root Certification Authority RSA"

Issuer: CN=SSL.com EV Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

Serial Number: 1d:6c:11:eb:6f:da:39:9d

Subject: CN=SSL.com EV Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

Not Valid Before: Fri Feb 12 17:50:48 2016

Not Valid After: Tue Feb 12 17:50:48 2041

Fingerprint (MD5): ad:b7:7b:b6:c4:5a:d9:dd:9f:eb:b3:ef:3f:c6:31:31

Fingerprint (SHA1): 1c:b7:ed:e1:76:bc:df:ef:0c:86:6f:46:fb:f9:80:e9:01:e5:ce:35

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
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\101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
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\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
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\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
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\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

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END

CKA_VALUE MULTILINE_OCTAL

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\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014\005
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\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004\012
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\156\061\064\060\062\006\003\125\004\003\014\053\123\123\114\056
\143\157\155\040\105\126\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\040\122\123\101\060\036\027\015\061\066\060\062\061
\062\061\067\065\060\064\070\132\027\015\064\061\060\062\061\062
\061\067\065\060\064\070\132\060\177\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014
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\007\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004
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\157\156\061\064\060\062\006\003\125\004\003\014\053\123\123\114
\056\143\157\155\040\105\126\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\040\122\123\101\060\202\002\042\060\015\006\011
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\067\061\100\020\064\101\172\375\313\224\215\142\177\270\220\315
\316\151\226\072\304\377\331\327\143\346\320\204\045\200\021\277
\321\355\060\350\204\006\341\240\227\270\125\220\035\255\363\244
\232\033\116\234\021\367\365\331\326\217\140\052\076\067\370\165
\354\200\243\125\240\364\047\101\302\252\071\344\122\337\020\371
\365\145\071\077\214\235\314\173\047\317\006\024\167\116\075\122
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\061\302\332\107\173\166\017\102\350\347\042\024\323\215\304\133
\217\213\145\130\051\054\217\016\216\111\324\324\330\012\132\323
\046\323\011\216\330\103\262\224\117\322\300\034\335\164\142\021
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\357\302\135\275\136\124\335\056\173\351\030\213\212\111\331\117

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\011\114\267\151\015\017\171\043\043\032\146\215\131\066\143\226
\200\173\030\042\153\036\042\030\055\344\245\165\012\020\131\373
\243\176\046\020\123\306\310\031\056\036\047\030\373\060\005\075
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\061\064\311\073\337\304\075\051\105\065\124\270\177\226\317\010
\017\351\261\236\125\312\147\204\240\047\140\253\372\120\061\071
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\243\237\211\363\264\047\052\124\271\032\131\153\011\234\121\300
\050\153\133\270\050\322\157\065\176\325\223\003\156\164\045\145
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\060\141\060\035\006\003\125\035\016\004\026\004\024\331\132\052
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\001\377\060\037\006\003\125\035\043\004\030\060\026\200\024\331
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\011\002\214\247\346\313\310\211\132\224\172\112\263\126\357\335
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\252\235\356\247\330\147\222\342\021\132\070\337\230\146\243\240
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\045\174\317\172\175\036\151\306\273\364\024\376\035\035\347\227
\242\206\233\362\337\127\222\006\122\144\223\051\131\012\057\241
\027\334\273\356\255\073\263\000\145\070\331\250\234\201\255\315
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\014\254\036\210\167\240\051\206\072\210\146\123\257\303\245\311
\333\124\261\244\350\356\114\156\077\271\173\060\243\102\350\002
\246\275\204\155\052\174\375\364\355\105\267\060\372\154\134\043
\126\132\074\141\052\307\233\346\305\362\104\267\007\277\166\235
\102\344\134\360\356\271\076\020\363\317\122\322\315\316\122\030

\177\140\366\056\225\114\065\000\114\106\326\020\354\064\313\130
\173\152\015\344\143\125\314\130\331\117\143\147\061\302\122\241
\171\017\052\317\311\116\314\022\313\215\032\132\252\106\061\023
\073\015\351\127\150\132\013\204\004\066\057\237\021\274\074\172
\255\132\277\106\343\267\040\211\035\334\007\174\334\172\353\351
\166\311\000\015\160\267\237\227\032\142\357\030\346\144\276\010
\247\244\231\273\177\214\150\232\230\311\206\142\366\241\230\066
\071\243\363\226\127\244\002\143\371\125\076\260\214\237\277\251
\172\113\074\331\271\256\017\212\364\272\034\045\253\125\131\241
\126\302\063\271\072\304\100\317\213\032\367\003\016\275\033\140
\143\175\045\324\251\276\345

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "SSL.com EV Root Certification Authority RSA"

Issuer: CN=SSL.com EV Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

Serial Number: 1d:6c:11:eb:6f:da:39:9d

Subject: CN=SSL.com EV Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

Not Valid Before: Fri Feb 12 17:50:48 2016

Not Valid After: Tue Feb 12 17:50:48 2041

Fingerprint (MD5): ad:b7:7b:b6:c4:5a:d9:dd:9f:eb:b3:ef:3f:c6:31:31

Fingerprint (SHA1): 1c:b7:ed:e1:76:bc:df:ef:0c:86:6f:46:fb:f9:80:e9:01:e5:ce:35

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\034\267\355\341\166\274\337\357\014\206\157\106\373\371\200\351
\001\345\316\065

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\255\267\173\266\304\132\331\335\237\353\263\357\077\306\061\061

END

CKA_ISSUER MULTILINE_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122\123
\101

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\035\154\021\353\157\332\071\235
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "LuxTrust Global Root 2"
# Issuer: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Serial Number:0a:7e:a6:df:4b:44:9e:da:6a:24:85:9e:e6:b8:15:d3:16:7f:bb:b1
# Subject: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Not Valid Before: Thu Mar 05 13:21:57 2015
# Not Valid After: Mon Mar 05 13:21:57 2035
# Fingerprint (MD5): b2:e1:09:00:61:af:f7:f1:91:6f:c4:ad:8d:5e:3b:7c
# Fingerprint (SHA1): 1e:0e:56:19:0a:d1:8b:25:98:b2:04:44:ff:66:8a:04:17:99:5f:3f
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "LuxTrust Global Root 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
```

```
\060\106\061\013\060\011\006\003\125\004\006\023\002\114\125\061
\026\060\024\006\003\125\004\012\014\015\114\165\170\124\162\165
\163\164\040\123\056\101\056\061\037\060\035\006\003\125\004\003
\014\026\114\165\170\124\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164\040\062
```

END

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\106\061\013\060\011\006\003\125\004\006\023\002\114\125\061
\026\060\024\006\003\125\004\012\014\015\114\165\170\124\162\165
\163\164\040\123\056\101\056\061\037\060\035\006\003\125\004\003
\014\026\114\165\170\124\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164\040\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\024\012\176\246\337\113\104\236\332\152\044\205\236\346\270
\025\323\026\177\273\261
```

END

```
CKA_VALUE MULTILINE_OCTAL
```

```
\060\202\005\303\060\202\003\253\240\003\002\001\002\002\024\012
\176\246\337\113\104\236\332\152\044\205\236\346\270\025\323\026
\177\273\261\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\106\061\013\060\011\006\003\125\004\006\023\002\114
\125\061\026\060\024\006\003\125\004\012\014\015\114\165\170\124
```

\162\165\163\164\040\123\056\101\056\061\037\060\035\006\003\125
\004\003\014\026\114\165\170\124\162\165\163\164\040\107\154\157
\142\141\154\040\122\157\157\164\040\062\060\036\027\015\061\065
\060\063\060\065\061\063\062\061\065\067\132\027\015\063\065\060
\063\060\065\061\063\062\061\065\067\132\060\106\061\013\060\011
\006\003\125\004\006\023\002\114\125\061\026\060\024\006\003\125
\004\012\014\015\114\165\170\124\162\165\163\164\040\123\056\101
\056\061\037\060\035\006\003\125\004\003\014\026\114\165\170\124
\162\165\163\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\062\060\202\002\042\060\015\006\011\052\206\110\206\367\015
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202
\002\001\000\327\205\227\277\021\230\351\360\142\203\114\074\207
\371\123\152\067\013\362\017\074\207\316\157\334\046\051\275\305
\211\272\311\203\075\367\356\312\133\306\155\111\163\264\311\106
\243\033\064\023\077\301\211\105\127\364\331\261\373\066\145\113
\373\010\342\110\161\021\310\156\073\236\235\337\211\145\067\246
\205\366\073\104\030\266\306\067\060\142\104\222\227\151\175\102
\060\044\344\015\014\211\153\143\336\305\341\337\116\251\024\154
\123\340\141\316\366\027\057\035\074\275\346\042\114\035\223\365
\020\304\241\166\354\152\336\305\154\337\226\264\126\100\102\300
\142\222\060\241\055\025\224\240\322\040\006\011\156\152\155\345
\353\267\276\324\360\361\025\174\213\346\116\272\023\314\113\047
\136\231\074\027\135\217\201\177\063\075\117\323\077\033\354\134
\077\360\074\114\165\156\362\246\325\235\332\055\007\143\002\306
\162\351\224\274\114\111\225\117\210\122\310\333\350\151\202\370
\314\064\133\042\360\206\247\211\275\110\012\155\146\201\155\310
\310\144\373\001\341\364\341\336\331\236\335\333\133\324\052\231
\046\025\033\036\114\222\051\202\236\325\222\201\222\101\160\031
\367\244\345\223\113\274\167\147\061\335\034\375\061\160\015\027
\231\014\371\014\071\031\052\027\265\060\161\125\325\017\256\130
\341\075\057\064\233\317\237\366\170\205\302\223\172\162\076\146
\217\234\026\021\140\217\236\211\157\147\276\340\107\132\073\014
\232\147\213\317\106\306\256\070\243\362\247\274\346\326\205\153
\063\044\160\042\113\313\010\233\273\310\370\002\051\035\276\040
\014\106\277\153\207\233\263\052\146\102\065\106\154\252\272\255
\371\230\173\351\120\125\024\061\277\261\332\055\355\200\255\150
\044\373\151\253\330\161\023\060\346\147\263\207\100\375\211\176
\362\103\321\021\337\057\145\057\144\316\137\024\271\261\277\061
\275\207\170\132\131\145\210\252\374\131\062\110\206\326\114\271
\051\113\225\323\166\363\167\045\155\102\034\070\203\115\375\243
\137\233\177\055\254\171\033\016\102\061\227\143\244\373\212\151
\325\042\015\064\220\060\056\250\264\340\155\266\224\254\274\213
\116\327\160\374\305\070\216\144\045\341\115\071\220\316\311\207
\204\130\161\002\003\001\000\001\243\201\250\060\201\245\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\102\006\003\125\035\040\004\073\060\071\060\067\006\007\053\201
\053\001\001\001\012\060\054\060\052\006\010\053\006\001\005\005
\007\002\001\026\036\150\164\164\160\163\072\057\057\162\145\160

\157\163\151\164\157\162\171\056\154\165\170\164\162\165\163\164
\056\154\165\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\037\006\003\125\035\043\004\030\060\026\200\024
\377\030\050\166\371\110\005\054\241\256\361\053\033\053\262\123
\370\113\174\263\060\035\006\003\125\035\016\004\026\004\024\377
\030\050\166\371\110\005\054\241\256\361\053\033\053\262\123\370
\113\174\263\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\003\202\002\001\000\152\031\024\355\156\171\301\054\207
\324\015\160\176\327\366\170\311\013\004\116\304\261\316\223\160
\376\260\124\300\062\315\231\060\144\027\277\017\345\342\063\375
\007\066\100\162\016\032\266\152\131\326\000\345\150\040\335\056
\162\015\037\152\144\061\040\204\175\111\246\132\067\353\105\311
\205\365\324\307\027\231\007\346\233\125\344\014\350\251\264\316
\214\133\265\021\134\317\212\016\015\326\254\167\201\376\062\234
\044\236\162\316\124\363\320\157\242\126\326\354\303\067\054\145
\130\276\127\000\032\362\065\372\353\173\061\135\302\301\022\075
\226\201\210\226\211\301\131\134\172\346\177\160\064\347\203\342
\261\341\341\270\130\357\324\225\344\140\234\360\226\227\162\214
\353\204\002\056\145\217\244\267\322\177\147\335\310\323\236\134
\252\251\244\240\045\024\006\233\354\117\176\055\013\177\035\165
\361\063\330\355\316\270\165\155\076\133\271\230\035\061\015\126
\330\103\017\060\221\262\004\153\335\126\276\225\200\125\147\276
\330\315\203\331\030\356\056\017\206\055\222\236\160\023\354\336
\121\311\103\170\002\245\115\310\371\137\304\221\130\106\026\167
\132\164\252\100\274\007\237\060\271\261\367\022\027\335\343\377
\044\100\035\172\152\321\117\030\012\252\220\035\353\100\036\337
\241\036\104\222\020\232\362\215\341\321\113\106\236\350\105\102
\227\352\105\231\363\354\146\325\002\372\362\246\112\044\252\336
\316\271\312\371\077\223\157\371\243\272\352\245\076\231\255\375
\377\173\231\365\145\356\360\131\050\147\327\220\225\244\023\204
\251\204\301\350\316\316\165\223\143\032\274\074\352\325\144\037
\055\052\022\071\306\303\132\062\355\107\221\026\016\274\070\301
\120\336\217\312\052\220\064\034\356\101\224\234\136\031\056\370
\105\111\231\164\221\260\004\157\343\004\132\261\253\052\253\376
\307\320\226\266\332\341\112\144\006\156\140\115\275\102\116\377
\170\332\044\312\033\264\327\226\071\154\256\361\016\252\247\175
\110\213\040\114\317\144\326\270\227\106\260\116\321\052\126\072
\240\223\275\257\200\044\340\012\176\347\312\325\312\350\205\125
\334\066\052\341\224\150\223\307\146\162\104\017\200\041\062\154
\045\307\043\200\203\012\353

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "LuxTrust Global Root 2"
Issuer: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU

```

# Serial Number:0a:7e:a6:df:4b:44:9e:da:6a:24:85:9e:e6:b8:15:d3:16:7f:bb:b1
# Subject: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Not Valid Before: Thu Mar 05 13:21:57 2015
# Not Valid After: Mon Mar 05 13:21:57 2035
# Fingerprint (MD5): b2:e1:09:00:61:af:f7:f1:91:6f:c4:ad:8d:5e:3b:7c
# Fingerprint (SHA1): 1e:0e:56:19:0a:d1:8b:25:98:b2:04:44:ff:66:8a:04:17:99:5f:3f
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "LuxTrust Global Root 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\036\016\126\031\012\321\213\045\230\262\004\104\377\146\212\004
\027\231\137\077
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\262\341\011\000\141\257\367\361\221\157\304\255\215\136\073\174
END
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\114\125\061
\026\060\024\006\003\125\004\012\014\015\114\165\170\124\162\165
\163\164\040\123\056\101\056\061\037\060\035\006\003\125\004\003
\014\026\114\165\170\124\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\012\176\246\337\113\104\236\332\152\044\205\236\346\270
\025\323\026\177\273\261
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "ACA ROOT"
# Issuer: CN=ACA ROOT,O=CONSEJO GENERAL DE LA ABOGACIA,2.5.4.5=Q2863006I,C=ES
# Serial Number:47:43:91:24:3f:ce:c3:0d:57:48:28:6b:ee:80:5d:ab
# Subject: CN=ACA ROOT,O=CONSEJO GENERAL DE LA ABOGACIA,2.5.4.5=Q2863006I,C=ES
# Not Valid Before: Fri May 27 10:58:51 2016
# Not Valid After: Mon May 27 10:58:51 2041
# Fingerprint (MD5): cc:49:10:f6:2f:f5:db:be:2f:8c:51:f3:8f:74:7c:12
# Fingerprint (SHA1): d4:96:59:2b:30:57:07:38:6c:c5:f3:cd:b2:59:ae:66:d7:66:1f:ca
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACA ROOT"

```

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\135\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\022\060\020\006\003\125\004\005\023\011\121\062\070\066\063\060
\060\066\111\061\047\060\045\006\003\125\004\012\014\036\103\117
\116\123\105\112\117\040\107\105\116\105\122\101\114\040\104\105
\040\114\101\040\101\102\117\107\101\103\111\101\061\021\060\017
\006\003\125\004\003\014\010\101\103\101\040\122\117\117\124

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\135\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\022\060\020\006\003\125\004\005\023\011\121\062\070\066\063\060
\060\066\111\061\047\060\045\006\003\125\004\012\014\036\103\117
\116\123\105\112\117\040\107\105\116\105\122\101\114\040\104\105
\040\114\101\040\101\102\117\107\101\103\111\101\061\021\060\017
\006\003\125\004\003\014\010\101\103\101\040\122\117\117\124

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\107\103\221\044\077\316\303\015\127\110\050\153\356\200
\135\253

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\310\060\202\003\260\240\003\002\001\002\002\020\107
\103\221\044\077\316\303\015\127\110\050\153\356\200\135\253\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\135
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\022\060
\020\006\003\125\004\005\023\011\121\062\070\066\063\060\060\066
\111\061\047\060\045\006\003\125\004\012\014\036\103\117\116\123
\105\112\117\040\107\105\116\105\122\101\114\040\104\105\040\114
\101\040\101\102\117\107\101\103\111\101\061\021\060\017\006\003
\125\004\003\014\010\101\103\101\040\122\117\117\124\060\036\027
\015\061\066\060\065\062\067\061\060\065\070\065\061\132\027\015
\064\061\060\065\062\067\061\060\065\070\065\061\132\060\135\061
\013\060\011\006\003\125\004\006\023\002\105\123\061\022\060\020
\006\003\125\004\005\023\011\121\062\070\066\063\060\060\066\111
\061\047\060\045\006\003\125\004\012\014\036\103\117\116\123\105
\112\117\040\107\105\116\105\122\101\114\040\104\105\040\114\101
\040\101\102\117\107\101\103\111\101\061\021\060\017\006\003\125
\004\003\014\010\101\103\101\040\122\117\117\124\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\271\053\136
\365\076\272\211\036\235\365\321\023\317\273\243\136\272\351\337
\071\162\144\230\122\207\151\245\266\336\341\277\224\105\276\305
\370\244\123\147\025\120\334\122\117\052\166\054\056\215\040\152
\214\346\135\271\331\150\276\221\033\272\151\003\030\255\030\116
\066\242\254\106\253\040\370\003\152\252\255\171\325\337\035\301
\356\105\157\041\164\371\115\261\261\075\220\073\074\062\200\355

\377\025\317\121\312\327\244\207\056\252\345\016\266\321\172\132
\307\271\370\121\273\331\224\335\076\306\206\116\012\376\073\211
\362\370\156\044\316\221\003\130\005\022\112\335\120\253\101\172
\316\355\251\037\021\123\036\245\023\333\141\360\365\252\200\336
\164\171\035\244\343\051\326\373\340\374\227\332\242\270\253\042
\076\145\260\041\304\345\305\020\104\207\262\343\340\052\202\056
\175\346\364\270\244\023\045\363\167\140\137\143\123\256\056\261
\235\212\153\166\173\072\161\275\222\201\066\260\234\202\361\367
\305\211\050\135\377\274\102\006\263\010\152\117\141\315\244\055
\220\323\071\270\167\377\310\307\243\171\273\003\271\221\003\001
\064\022\330\060\213\266\214\002\312\344\110\354\070\052\062\114
\155\312\166\050\132\206\012\272\324\040\216\257\240\137\040\055
\142\234\210\371\361\025\155\133\275\261\003\120\300\077\066\327
\256\077\121\321\312\343\130\146\104\346\243\233\167\056\061\372
\331\177\042\304\005\114\353\164\033\134\143\172\246\002\223\176
\103\016\166\024\017\115\157\062\225\210\200\222\122\227\024\365
\074\374\224\007\323\154\051\005\225\106\017\344\161\341\177\370
\155\024\022\202\222\265\363\123\076\231\021\227\107\166\112\011
\162\356\324\303\226\011\254\332\377\361\113\113\266\327\045\317
\036\114\227\046\013\064\273\266\224\361\054\144\161\137\211\362
\025\073\067\247\002\344\015\117\110\211\063\243\214\150\170\061
\121\147\012\031\333\264\342\164\057\075\172\363\167\000\237\161
\022\143\377\163\052\144\151\124\354\254\072\256\332\362\130\143
\064\176\370\074\136\300\102\072\245\333\263\250\324\132\301\116
\130\270\151\266\254\202\142\333\321\373\032\103\041\042\374\035
\365\234\117\116\073\345\215\377\166\132\043\136\133\002\003\001
\000\001\243\201\203\060\201\200\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\035\006\003\125\035\016
\004\026\004\024\032\125\344\025\061\342\061\233\021\324\210\161
\172\000\075\160\050\005\277\315\060\076\006\003\125\035\040\004
\067\060\065\060\063\006\004\125\035\040\000\060\053\060\051\006
\010\053\006\001\005\005\007\002\001\026\035\150\164\164\160\072
\057\057\167\167\167\056\141\143\141\142\157\147\141\143\151\141
\056\157\162\147\057\144\157\143\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\003\202\002\001\000\173\060\312\125
\206\323\257\356\032\327\270\225\230\354\371\073\335\220\023\243
\234\222\105\240\222\211\151\241\161\221\274\161\205\207\240\055
\060\011\344\302\123\075\364\251\267\150\055\115\231\315\244\317
\236\073\220\235\232\012\051\015\052\102\301\075\133\153\100\202
\305\213\023\261\101\147\217\276\244\167\340\300\166\344\363\266
\051\126\054\357\161\117\302\144\361\332\264\013\312\320\071\137
\123\262\203\001\373\262\175\331\203\164\172\065\320\301\135\217
\233\367\136\347\122\337\356\252\067\223\253\331\075\175\036\361
\275\034\333\350\165\335\270\133\114\343\026\243\366\165\210\016
\217\074\303\013\154\333\140\131\344\005\253\050\106\367\146\151
\045\167\336\312\112\063\330\130\136\173\217\232\317\122\216\075
\155\375\321\262\275\076\171\127\206\036\104\034\007\115\364\302

```
\020\252\170\313\363\121\027\015\166\075\215\156\150\111\351\357
\007\111\321\270\026\311\171\235\314\256\013\005\107\172\375\230
\254\061\241\220\132\207\142\371\370\253\142\132\340\041\166\320
\150\102\350\034\276\162\201\360\306\147\175\176\164\074\325\125
\157\217\245\150\226\021\361\312\323\060\027\275\106\266\061\257
\160\351\244\204\067\127\272\011\074\056\331\013\023\126\007\076
\225\304\265\160\057\223\302\256\257\201\135\106\024\060\373\256
\305\363\232\367\101\172\261\336\113\026\331\105\165\107\002\174
\024\036\325\261\073\240\054\101\265\233\113\173\243\203\360\271
\314\316\036\224\267\136\056\043\006\225\221\034\070\107\034\355
\304\170\016\244\017\374\033\174\326\362\153\320\212\133\352\226
\363\061\324\136\152\304\224\270\060\237\225\341\007\211\270\210
\322\047\205\244\141\164\345\250\104\061\172\040\165\350\370\330
\353\263\117\252\377\123\077\226\355\352\273\374\121\100\246\053
\354\044\241\373\371\104\215\043\347\246\227\000\017\313\244\152
\277\120\240\312\161\242\154\256\157\337\331\203\202\146\334\123
\135\257\372\124\367\203\377\253\077\211\225\247\264\155\363\017
\012\015\110\063\057\201\051\307\113\005\304\306\127\164\204\303
\230\066\377\357\205\062\253\142\234\023\321\042\207\261\276\230
\333\164\232\217\352\302\326\223\171\105\040\303
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "ACA ROOT"
```

```
# Issuer: CN=ACA ROOT,O=CONSEJO GENERAL DE LA ABOGACIA,2.5.4.5=Q2863006I,C=ES
```

```
# Serial Number:47:43:91:24:3f:ce:c3:0d:57:48:28:6b:ee:80:5d:ab
```

```
# Subject: CN=ACA ROOT,O=CONSEJO GENERAL DE LA ABOGACIA,2.5.4.5=Q2863006I,C=ES
```

```
# Not Valid Before: Fri May 27 10:58:51 2016
```

```
# Not Valid After: Mon May 27 10:58:51 2041
```

```
# Fingerprint (MD5): cc:49:10:f6:2f:f5:db:be:2f:8c:51:f3:8f:74:7c:12
```

```
# Fingerprint (SHA1): d4:96:59:2b:30:57:07:38:6c:c5:f3:cd:b2:59:ae:66:d7:66:1f:ca
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ACA ROOT"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\324\226\131\053\060\127\007\070\154\305\363\315\262\131\256\146
\327\146\037\312
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\314\111\020\366\057\365\333\276\057\214\121\363\217\164\174\022
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\135\061\013\060\011\006\003\125\004\006\023\002\105\123\061
```



```
\022\060\020\006\003\125\004\005\023\011\121\062\070\066\063\060
\060\066\111\061\047\060\045\006\003\125\004\012\014\036\103\117
\116\123\105\112\117\040\107\105\116\105\122\101\114\040\104\105
\040\114\101\040\101\102\117\107\101\103\111\101\061\021\060\017
\006\003\125\004\003\014\010\101\103\101\040\122\117\117\124
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\107\103\221\044\077\316\303\015\127\110\050\153\356\200
\135\253
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "Security Communication ECC RootCA1"

Issuer: CN=Security Communication ECC RootCA1,O=SECOM Trust Systems CO.,LTD.,C=JP

Serial Number:d6:5d:9b:b3:78:81:2e:eb

Subject: CN=Security Communication ECC RootCA1,O=SECOM Trust Systems CO.,LTD.,C=JP

Not Valid Before: Thu Jun 16 05:15:28 2016

Not Valid After: Mon Jan 18 05:15:28 2038

Fingerprint (MD5): 7e:43:b0:92:68:ec:05:43:4c:98:ab:5d:35:2e:7e:86

Fingerprint (SHA1): b8:0e:26:a9:bf:d2:b2:3b:c0:ef:46:c9:ba:c7:bb:f6:1d:0d:41:41

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Security Communication ECC RootCA1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\053\060\051\006\003\125\004\003\023
\042\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\105\103\103\040\122\157\157\164
\103\101\061
```

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\053\060\051\006\003\125\004\003\023
\042\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\105\103\103\040\122\157\157\164
\103\101\061
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\011\000\326\135\233\263\170\201\056\353

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\070\060\202\001\276\240\003\002\001\002\002\011\000
\326\135\233\263\170\201\056\353\060\012\006\010\052\206\110\316
\075\004\003\003\060\141\061\013\060\011\006\003\125\004\006\023
\002\112\120\061\045\060\043\006\003\125\004\012\023\034\123\105
\103\117\115\040\124\162\165\163\164\040\123\171\163\164\145\155
\163\040\103\117\056\054\114\124\104\056\061\053\060\051\006\003
\125\004\003\023\042\123\145\143\165\162\151\164\171\040\103\157
\155\155\165\156\151\143\141\164\151\157\156\040\105\103\103\040
\122\157\157\164\103\101\061\060\036\027\015\061\066\060\066\061
\066\060\065\061\065\062\070\132\027\015\063\070\060\061\061\070
\060\065\061\065\062\070\132\060\141\061\013\060\011\006\003\125
\004\006\023\002\112\120\061\045\060\043\006\003\125\004\012\023
\034\123\105\103\117\115\040\124\162\165\163\164\040\123\171\163
\164\145\155\163\040\103\117\056\054\114\124\104\056\061\053\060
\051\006\003\125\004\003\023\042\123\145\143\165\162\151\164\171
\040\103\157\155\155\165\156\151\143\141\164\151\157\156\040\105
\103\103\040\122\157\157\164\103\101\061\060\166\060\020\006\007
\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142
\000\004\244\245\157\140\003\003\303\275\061\364\323\027\234\053
\204\165\254\345\375\075\127\156\327\143\277\346\004\211\222\216
\201\234\343\351\107\156\312\220\022\310\023\340\247\235\367\145
\164\037\154\020\262\350\344\351\357\155\205\062\231\104\261\136
\375\314\166\020\330\133\275\242\306\371\326\102\344\127\166\334
\220\302\065\251\113\210\074\022\107\155\134\377\111\117\032\112
\120\261\243\102\060\100\060\035\006\003\125\035\016\004\026\004
\024\206\034\347\376\055\245\112\213\010\376\050\021\372\276\243
\146\370\140\131\057\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\012\006\010\052\206\110\316\075\004
\003\003\003\150\000\060\145\002\060\025\135\102\075\374\266\356
\367\073\261\066\350\236\366\304\106\050\111\063\320\130\103\052
\143\051\314\115\261\264\172\242\271\015\070\245\135\110\052\375
\313\262\163\135\243\210\010\307\014\002\061\000\300\253\055\016
\155\355\030\242\333\123\351\045\333\125\010\340\120\314\337\104
\141\026\202\253\111\260\262\201\354\163\207\170\264\114\262\142
\033\022\372\026\115\045\113\143\275\036\067\331

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "Security Communication ECC RootCA1"

```
# Issuer: CN=Security Communication ECC RootCA1,O=SECOM Trust Systems CO.,LTD.,C=JP
# Serial Number:d6:5d:9b:b3:78:81:2e:eb
# Subject: CN=Security Communication ECC RootCA1,O=SECOM Trust Systems CO.,LTD.,C=JP
# Not Valid Before: Thu Jun 16 05:15:28 2016
# Not Valid After: Mon Jan 18 05:15:28 2038
# Fingerprint (MD5): 7e:43:b0:92:68:ec:05:43:4c:98:ab:5d:35:2e:7e:86
# Fingerprint (SHA1): b8:0e:26:a9:bf:d2:b2:3b:c0:ef:46:c9:ba:c7:bb:f6:1d:0d:41:41
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication ECC RootCA1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\270\016\046\251\277\322\262\073\300\357\106\311\272\307\273\366
\035\015\101\101
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\176\103\260\222\150\354\005\103\114\230\253\135\065\056\176\206
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\053\060\051\006\003\125\004\003\023
\042\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\105\103\103\040\122\157\157\164
\103\101\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\326\135\233\263\170\201\056\353
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Security Communication RootCA3"
# Issuer: CN=Security Communication RootCA3,O=SECOM Trust Systems CO.,LTD.,C=JP
# Serial Number:e1:7c:37:40:fd:1b:fe:67
# Subject: CN=Security Communication RootCA3,O=SECOM Trust Systems CO.,LTD.,C=JP
# Not Valid Before: Thu Jun 16 06:17:16 2016
# Not Valid After: Mon Jan 18 06:17:16 2038
# Fingerprint (MD5): 1c:9a:16:ff:9e:5c:e0:4d:8a:14:01:f4:35:5d:29:26
# Fingerprint (SHA1): c3:03:c8:22:74:92:e5:61:a2:9c:5f:79:91:2b:1e:44:13:91:30:3a
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication RootCA3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\003\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\063
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\003\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\341\174\067\100\375\033\376\147
END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\177\060\202\003\147\240\003\002\001\002\002\011\000
\341\174\067\100\375\033\376\147\060\015\006\011\052\206\110\206
\367\015\001\001\014\005\000\060\135\061\013\060\011\006\003\125
\004\006\023\002\112\120\061\045\060\043\006\003\125\004\012\023
\034\123\105\103\117\115\040\124\162\165\163\164\040\123\171\163
\164\145\155\163\040\103\117\056\054\114\124\104\056\061\047\060
\045\006\003\125\004\003\023\036\123\145\143\165\162\151\164\171
\040\103\157\155\155\165\156\151\143\141\164\151\157\156\040\122
\157\157\164\103\101\063\060\036\027\015\061\066\060\066\061\066
\060\066\061\067\061\066\132\027\015\063\070\060\061\061\070\060
\066\061\067\061\066\132\060\135\061\013\060\011\006\003\125\004
\006\023\002\112\120\061\045\060\043\006\003\125\004\012\023\034
\123\105\103\117\115\040\124\162\165\163\164\040\123\171\163\164
\145\155\163\040\103\117\056\054\114\124\104\056\061\047\060\045
\006\003\125\004\003\023\036\123\145\143\165\162\151\164\171\040
\103\157\155\155\165\156\151\143\141\164\151\157\156\040\122\157
\157\164\103\101\063\060\202\002\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002
\012\002\202\002\001\000\343\311\162\111\367\060\336\011\174\251
\100\201\130\323\264\072\335\272\141\017\223\120\156\151\074\065
\302\356\133\163\220\033\147\114\041\354\137\065\273\071\076\053
\012\140\357\273\155\053\206\373\161\242\310\254\344\126\224\371
\311\257\261\162\324\040\254\164\322\270\025\255\121\376\205\164
\241\271\020\376\005\200\371\122\223\263\100\075\165\020\254\300

\226\267\247\176\166\274\343\033\122\031\316\021\037\013\004\064
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\367\352\214\034\210\307\354\213\365\321\057\125\226\106\174\132
\073\130\073\373\272\330\055\265\045\332\172\116\317\104\256\041
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\362\371\047\107\357\321\211\071\103\304\337\336\341\101\277\124
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\203\136\264\153\276\101\176\127\011\165\104\120\125\315\132\021
\141\041\012\141\302\251\210\375\023\274\055\211\057\315\141\340
\225\276\312\265\173\341\173\064\147\013\037\266\014\307\174\036
\031\123\312\247\261\112\025\040\126\024\160\075\053\202\054\017
\235\025\035\107\200\107\377\170\231\016\061\257\157\076\217\355
\206\151\036\173\030\210\024\262\302\374\202\063\056\234\113\055
\373\160\073\161\252\053\173\046\047\363\032\302\334\373\027\270
\241\352\313\240\264\256\323\224\176\172\320\253\303\354\070\055
\021\056\210\277\324\077\255\022\073\102\254\217\002\156\175\314
\321\137\141\276\241\274\072\152\110\352\046\125\042\026\135\137
\015\377\047\063\237\030\003\164\212\133\122\040\107\153\105\115
\042\167\214\125\047\360\257\036\214\311\203\042\124\267\232\320
\117\331\316\374\331\056\034\226\050\261\002\323\003\275\045\122
\034\064\146\117\043\253\364\167\202\226\035\321\127\060\010\021
\005\375\127\321\331\307\002\003\001\000\001\243\102\060\100\060
\035\006\003\125\035\016\004\026\004\024\144\024\174\374\130\162
\026\246\012\051\064\025\157\052\313\274\374\257\250\253\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\003\202
\002\001\000\334\002\043\010\342\357\041\072\307\015\267\046\322
\142\223\247\245\043\162\007\040\202\140\337\030\327\124\255\151
\045\222\236\331\024\317\231\271\122\201\317\256\154\212\073\132
\071\310\154\001\103\302\042\155\002\360\142\315\116\143\103\300
\024\332\364\143\360\352\364\161\356\116\207\343\161\251\364\311
\127\345\056\137\034\171\273\043\252\207\104\127\351\275\065\115
\101\273\113\050\243\230\262\033\331\013\027\007\345\367\352\235
\365\166\327\277\304\266\201\130\377\310\377\144\151\142\171\255
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\224\124\053\300\122\155\217\125\304\311\322\270\313\312\064\010
\121\205\240\365\274\264\027\130\352\012\134\172\275\143\306\072
\057\377\226\111\031\204\352\147\330\004\261\141\364\000\133\112
\267\234\161\067\031\205\171\277\201\260\307\023\016\166\161\076
\072\200\006\256\006\026\247\215\265\302\304\313\377\100\245\134
\215\245\311\072\355\162\201\312\134\230\074\322\064\003\167\010
\375\360\051\131\135\041\010\307\140\277\244\161\173\270\331\036

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\202\276\011\257\145\157\050\253\277\113\265\356\076\010\107\047
\240\017\157\017\213\077\254\225\030\363\271\016\334\147\125\156
\142\236\106\016\321\004\170\312\162\256\166\331\245\370\262\337
\210\011\141\213\357\044\116\321\131\077\132\324\075\311\223\074
\053\144\365\201\015\026\226\367\222\303\376\061\157\350\052\062
\164\016\364\114\230\112\030\016\060\124\325\305\353\274\305\025
\236\350\231\041\353\047\053\011\012\333\361\346\160\030\126\273
\014\344\276\371\350\020\244\023\222\270\034\340\333\147\035\123
\003\244\042\247\334\135\222\020\074\352\377\374\033\020\032\303
\330\320\234\235\145\313\320\053\047\061\003\036\066\341\075\166
\165\014\377\105\046\271\335\121\274\043\307\137\330\330\207\020
\100\022\015\075\070\067\347\104\074\030\300\123\011\144\217\377
\325\232\246\174\160\056\163\125\041\350\337\377\203\271\035\076
\062\036\326\246\175\054\361\146\351\134\035\247\243\316\136\045
\062\053\343\225\254\052\007\316\264\050\170\206\074\055\246\235
\115\322\164\060\335\144\121\025\333\203\203\121\327\257\375\063
\235\115\146
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "Security Communication RootCA3"
```

```
# Issuer: CN=Security Communication RootCA3,O=SECOM Trust Systems CO.,LTD.,C=JP
```

```
# Serial Number:e1:7c:37:40:fd:1b:fe:67
```

```
# Subject: CN=Security Communication RootCA3,O=SECOM Trust Systems CO.,LTD.,C=JP
```

```
# Not Valid Before: Thu Jun 16 06:17:16 2016
```

```
# Not Valid After: Mon Jan 18 06:17:16 2038
```

```
# Fingerprint (MD5): 1c:9a:16:ff:9e:5c:e0:4d:8a:14:01:f4:35:5d:29:26
```

```
# Fingerprint (SHA1): c3:03:c8:22:74:92:e5:61:a2:9c:5f:79:91:2b:1e:44:13:91:30:3a
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Security Communication RootCA3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\303\003\310\042\164\222\345\141\242\234\137\171\221\053\036\104
\023\221\060\072
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
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```
\034\232\026\377\236\134\340\115\212\024\001\364\065\135\051\046
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\003\023
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\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156

\151\143\141\164\151\157\156\040\122\157\157\164\103\101\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\011\000\341\174\067\100\375\033\376\147

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "CHAMBERS OF COMMERCE ROOT - 2016"

Issuer: CN=CHAMBERS OF COMMERCE ROOT - 2016,O=AC CAMERFIRMA S.A.,2.5.4.97=VATES-A82743287,2.5.4.5=A82743287,OU=CHAMBERS OF COMMERCE ROOT - 2016,OU=see current address at www.camerfirma.com/address,L=MADRID,ST=MADRID,C=ES

Serial Number:34:9a:2d:a1:82:06:b2:b3

Subject: CN=CHAMBERS OF COMMERCE ROOT - 2016,O=AC CAMERFIRMA S.A.,2.5.4.97=VATES-A82743287,2.5.4.5=A82743287,OU=CHAMBERS OF COMMERCE ROOT - 2016,OU=see current address at www.camerfirma.com/address,L=MADRID,ST=MADRID,C=ES

Not Valid Before: Thu Apr 14 07:35:48 2016

Not Valid After: Sun Apr 08 07:35:48 2040

Fingerprint (MD5): d9:84:45:a4:8b:62:ec:c1:fc:51:54:8a:d1:58:8d:e8

Fingerprint (SHA1): 2d:e1:6a:56:77:ba:ca:39:e1:d6:8c:30:dc:b1:4a:be:22:a6:17:9b

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "CHAMBERS OF COMMERCE ROOT - 2016"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\060\202\001\014\061\013\060\011\006\003\125\004\006\023\002\105

\123\061\017\060\015\006\003\125\004\010\014\006\115\101\104\122

\111\104\061\017\060\015\006\003\125\004\007\014\006\115\101\104

\122\111\104\061\072\060\070\006\003\125\004\013\014\061\163\145

\145\040\143\165\162\162\145\156\164\040\141\144\144\162\145\163

\163\040\141\164\040\167\167\167\056\143\141\155\145\162\146\151

\162\155\141\056\143\157\155\057\141\144\144\162\145\163\163\061

\051\060\047\006\003\125\004\013\014\040\103\110\101\115\102\105

\122\123\040\117\106\040\103\117\115\115\105\122\103\105\040\122

\117\117\124\040\055\040\062\060\061\066\061\022\060\020\006\003

\125\004\005\023\011\101\070\062\067\064\063\062\070\067\061\030

\060\026\006\003\125\004\141\014\017\126\101\124\105\123\055\101

\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125\004

\012\014\022\101\103\040\103\101\115\105\122\106\111\122\115\101

\040\123\056\101\056\061\051\060\047\006\003\125\004\003\014\040

\103\110\101\115\102\105\122\123\040\117\106\040\103\117\115\115

\105\122\103\105\040\122\117\117\124\040\055\040\062\060\061\066

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

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\111\104\061\017\060\015\006\003\125\004\007\014\006\115\101\104
\122\111\104\061\072\060\070\006\003\125\004\013\014\061\163\145
\145\040\143\165\162\162\145\156\164\040\141\144\144\162\145\163
\163\040\141\164\040\167\167\167\056\143\141\155\145\162\146\151
\162\155\141\056\143\157\155\057\141\144\144\162\145\163\163\061
\051\060\047\006\003\125\004\013\014\040\103\110\101\115\102\105
\122\123\040\117\106\040\103\117\115\115\105\122\103\105\040\122
\117\117\124\040\055\040\062\060\061\066\061\022\060\020\006\003
\125\004\005\023\011\101\070\062\067\064\063\062\070\067\061\030
\060\026\006\003\125\004\141\014\017\126\101\124\105\123\055\101
\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125\004
\012\014\022\101\103\040\103\101\115\105\122\106\111\122\115\101
\040\123\056\101\056\061\051\060\047\006\003\125\004\003\014\040
\103\110\101\115\102\105\122\123\040\117\106\040\103\117\115\115
\105\122\103\105\040\122\117\117\124\040\055\040\062\060\061\066

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\010\064\232\055\241\202\006\262\263

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\340\060\202\004\310\240\003\002\001\002\002\010\064
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\015\001\001\013\005\000\060\202\001\014\061\013\060\011\006\003
\125\004\006\023\002\105\123\061\017\060\015\006\003\125\004\010
\014\006\115\101\104\122\111\104\061\017\060\015\006\003\125\004
\007\014\006\115\101\104\122\111\104\061\072\060\070\006\003\125
\004\013\014\061\163\145\145\040\143\165\162\162\145\156\164\040
\141\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143
\141\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144
\144\162\145\163\163\061\051\060\047\006\003\125\004\013\014\040
\103\110\101\115\102\105\122\123\040\117\106\040\103\117\115\115
\105\122\103\105\040\122\117\117\124\040\055\040\062\060\061\066
\061\022\060\020\006\003\125\004\005\023\011\101\070\062\067\064
\063\062\070\067\061\030\060\026\006\003\125\004\141\014\017\126
\101\124\105\123\055\101\070\062\067\064\063\062\070\067\061\033
\060\031\006\003\125\004\012\014\022\101\103\040\103\101\115\105
\122\106\111\122\115\101\040\123\056\101\056\061\051\060\047\006
\003\125\004\003\014\040\103\110\101\115\102\105\122\123\040\117
\106\040\103\117\115\115\105\122\103\105\040\122\117\117\124\040
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\060\067\063\065\064\070\132\027\015\064\060\060\064\060\070\060
\067\063\065\064\070\132\060\202\001\014\061\013\060\011\006\003
\125\004\006\023\002\105\123\061\017\060\015\006\003\125\004\010

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\007\014\006\115\101\104\122\111\104\061\072\060\070\006\003\125
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\141\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144
\144\162\145\163\163\061\051\060\047\006\003\125\004\013\014\040
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\063\062\070\067\061\030\060\026\006\003\125\004\141\014\017\126
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\122\106\111\122\115\101\040\123\056\101\056\061\051\060\047\006
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\106\040\103\117\115\115\105\122\103\105\040\122\117\117\124\040
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\203\214\004\253\323\016\173\127\040\311\324\257\145\364\207\335
\060\010\327\316\101\243\166\012\333\212\106\344\246\375\355\010
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\041\266\165\232\334\136\366\016\231\374\370\302\337\101\216\057
\253\307\133\155\034\120\131\300\355\350\254\202\102\376\271\257
\057\014\101\121\234\275\000\156\144\121\262\073\345\066\253\225
\221\022\373\061\307\163\254\034\330\145\166\073\316\033\114\116
\260\037\040\006\373\120\264\373\233\241\171\216\026\225\343\237
\353\030\113\204\253\071\223\315\067\203\320\351\174\013\047\217
\355\102\010\351\206\106\062\254\232\046\151\160\141\055\030\275
\077\120\360\236\366\150\120\116\151\225\160\301\355\223\251\227
\116\051\242\272\335\302\237\156\111\010\053\243\372\043\361\051
\136\260\175\061\131\233\355\214\315\246\156\370\370\367\330\030
\350\332\126\351\110\362\100\164\176\236\315\040\257\024\044\131
\356\167\065\205\277\112\231\112\251\165\335\263\046\343\006\316
\175\157\113\144\243\166\064\031\076\024\157\205\124\070\342\213
\055\100\265\144\146\037\127\063\034\160\315\303\264\050\132\024
\043\134\374\270\275\263\376\073\022\137\366\271\214\035\310\224
\012\126\333\162\176\357\047\007\015\000\264\277\175\231\077\115
\105\263\233\367\035\031\320\117\004\372\307\163\224\210\175\213
\024\052\231\340\351\231\222\011\306\326\001\153\267\360\333\103
\127\142\033\307\104\122\342\227\143\272\317\352\316\140\346\012
\345\030\150\055\063\200\165\240\060\007\150\366\325\367\023\054
\072\260\236\350\130\125\156\214\126\104\115\103\027\101\002\314
\167\334\137\105\005\131\317\315\140\323\277\322\366\342\364\325
\334\207\161\063\007\032\365\157\264\177\075\227\373\137\144\364
\116\016\000\104\011\351\353\354\076\161\031\004\027\071\110\140
\270\113\377\136\310\145\231\053\246\062\362\133\206\250\235\350
\043\164\020\170\357\313\047\235\061\272\140\213\116\006\120\342

\120\035\007\140\302\101\214\025\264\133\067\034\012\345\011\031
\162\004\212\074\343\001\333\002\003\001\000\001\243\102\060\100
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\076\127\365\253\175\226\306\213\337\263\065\155\112\350\236\213
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\002\001\000\005\151\052\205\227\046\120\272\102\071\034\223
\054\322\117\133\321\135\104\046\332\157\151\053\265\173\236\320
\364\112\056\110\307\354\177\237\312\131\172\271\104\367\076\275
\367\120\153\121\237\164\377\220\032\100\320\223\171\222\017\212
\043\136\213\257\201\013\320\213\255\146\340\052\334\232\051\275
\065\330\154\100\024\111\102\075\211\057\272\233\053\070\274\032
\243\013\267\210\327\255\306\024\014\356\174\111\254\256\354\362
\075\030\117\214\155\024\135\016\252\267\337\167\253\073\217\142
\116\213\014\145\306\031\216\315\300\014\241\167\252\264\335\172
\247\023\005\346\071\030\307\225\144\176\003\266\213\220\301\345
\137\000\043\230\346\163\332\021\322\020\377\036\123\042\047\307
\323\001\311\057\305\073\062\156\360\303\070\312\022\147\274\272
\043\051\273\304\225\111\132\006\335\324\132\220\324\023\155\347
\325\302\174\342\130\004\300\354\304\275\242\074\176\306\043\201
\165\174\253\160\137\064\204\225\367\263\325\107\226\117\161\312
\170\062\010\040\264\102\244\102\153\325\045\234\262\047\353\301
\016\107\104\011\341\053\017\320\043\066\156\034\271\272\116\254
\314\360\014\224\316\101\017\153\335\017\325\310\340\027\213\336
\072\135\122\276\351\165\045\035\272\005\007\332\126\031\074\215
\321\327\361\121\066\331\222\357\242\170\121\005\130\275\122\314
\012\136\157\257\332\320\345\014\333\154\301\043\357\071\061\167
\027\007\000\214\366\272\017\160\371\274\276\341\344\175\341\314
\104\172\244\041\354\107\077\250\326\025\245\354\001\251\310\160
\350\230\147\035\275\131\124\176\241\127\025\065\007\305\162\311
\076\267\051\206\215\237\332\062\171\062\334\333\250\345\011\377
\357\126\052\376\223\261\216\052\023\355\255\242\053\153\057\004
\336\315\057\222\222\326\076\140\265\170\001\225\007\010\251\154
\343\034\332\373\345\233\043\126\040\133\351\320\134\306\112\044
\073\274\343\266\042\026\052\204\222\377\250\376\227\277\243\235
\333\141\136\356\031\052\054\327\353\015\166\126\070\165\176\111
\000\223\127\311\374\043\132\374\364\361\337\052\235\260\214\151
\364\020\243\125\235\160\074\042\377\007\326\053\266\231\300\227
\320\364\052\240

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "CHAMBERS OF COMMERCE ROOT - 2016"

Issuer: CN=CHAMBERS OF COMMERCE ROOT - 2016,O=AC CAMERFIRMA S.A.,2.5.4.97=VATES-

A82743287,2.5.4.5=A82743287,OU=CHAMBERS OF COMMERCE ROOT - 2016,OU=see current address at
www.camerfirma.com/address,L=MADRID,ST=MADRID,C=ES
Serial Number:34:9a:2d:a1:82:06:b2:b3
Subject: CN=CHAMBERS OF COMMERCE ROOT - 2016,O=AC CAMERFIRMA S.A.,2.5.4.97=VATES-
A82743287,2.5.4.5=A82743287,OU=CHAMBERS OF COMMERCE ROOT - 2016,OU=see current address at
www.camerfirma.com/address,L=MADRID,ST=MADRID,C=ES
Not Valid Before: Thu Apr 14 07:35:48 2016
Not Valid After: Sun Apr 08 07:35:48 2040
Fingerprint (MD5): d9:84:45:a4:8b:62:ec:c1:fc:51:54:8a:d1:58:8d:e8
Fingerprint (SHA1): 2d:e1:6a:56:77:ba:ca:39:e1:d6:8c:30:dc:b1:4a:be:22:a6:17:9b
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CHAMBERS OF COMMERCE ROOT - 2016"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\055\341\152\126\167\272\312\071\341\326\214\060\334\261\112\276
\042\246\027\233
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\331\204\105\244\213\142\354\301\374\121\124\212\321\130\215\350
END
CKA_ISSUER MULTILINE_OCTAL
\060\202\001\014\061\013\060\011\006\003\125\004\006\023\002\105
\123\061\017\060\015\006\003\125\004\010\014\006\115\101\104\122
\111\104\061\017\060\015\006\003\125\004\007\014\006\115\101\104
\122\111\104\061\072\060\070\006\003\125\004\013\014\061\163\145
\145\040\143\165\162\162\145\156\164\040\141\144\144\162\145\163
\163\040\141\164\040\167\167\167\056\143\141\155\145\162\146\151
\162\155\141\056\143\157\155\057\141\144\144\162\145\163\163\061
\051\060\047\006\003\125\004\013\014\040\103\110\101\115\102\105
\122\123\040\117\106\040\103\117\115\115\105\122\103\105\040\122
\117\117\124\040\055\040\062\060\061\066\061\022\060\020\006\003
\125\004\005\023\011\101\070\062\067\064\063\062\070\067\061\030
\060\026\006\003\125\004\141\014\017\126\101\124\105\123\055\101
\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125\004
\012\014\022\101\103\040\103\101\115\105\122\106\111\122\115\101
\040\123\056\101\056\061\051\060\047\006\003\125\004\003\014\040
\103\110\101\115\102\105\122\123\040\117\106\040\103\117\115\115
\105\122\103\105\040\122\117\117\124\040\055\040\062\060\061\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\064\232\055\241\202\006\262\263
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```
# Microsoft Code Signing Only Certificate
# Certificate "Network Solutions RSA Certificate Authority"
# Issuer: CN=Network Solutions RSA Certificate Authority,O=Network Solutions
L.L.C.,L=Jacksonville,ST=FL,C=US
# Serial Number:4c:03:4b:ac:67:18:4c:7f:af:44:08:4d:82:96:c7:b2
# Subject: CN=Network Solutions RSA Certificate Authority,O=Network Solutions
L.L.C.,L=Jacksonville,ST=FL,C=US
# Not Valid Before: Wed Nov 18 00:00:00 2015
# Not Valid After: Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): 5a:2f:58:bc:83:2c:2d:99:b4:9b:78:24:d4:8f:f9:67
# Fingerprint (SHA1): 8e:92:8c:0f:c2:7b:b7:ab:a3:4e:6b:c0:ca:12:50:cb:57:b6:0f:84
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions RSA Certificate Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\013\060\011\006\003\125\004\010\023\002\106\114\061\025\060
\023\006\003\125\004\007\023\014\112\141\143\153\163\157\156\166
\151\154\154\145\061\041\060\037\006\003\125\004\012\023\030\116
\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163
\040\114\056\114\056\103\056\061\064\060\062\006\003\125\004\003
\023\053\116\145\164\167\157\162\153\040\123\157\154\165\164\151
\157\156\163\040\122\123\101\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\013\060\011\006\003\125\004\010\023\002\106\114\061\025\060
\023\006\003\125\004\007\023\014\112\141\143\153\163\157\156\166
\151\154\154\145\061\041\060\037\006\003\125\004\012\023\030\116
\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163
\040\114\056\114\056\103\056\061\064\060\062\006\003\125\004\003
\023\053\116\145\164\167\157\162\153\040\123\157\154\165\164\151
\157\156\163\040\122\123\101\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\114\003\113\254\147\030\114\177\257\104\010\115\202\226
\307\262
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\342\060\202\003\312\240\003\002\001\002\002\020\114
\003\113\254\147\030\114\177\257\104\010\115\202\226\307\262\060
```

\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201
\212\061\013\060\011\006\003\125\004\006\023\002\125\123\061\013
\060\011\006\003\125\004\010\023\002\106\114\061\025\060\023\006
\003\125\004\007\023\014\112\141\143\153\163\157\156\166\151\154
\154\145\061\041\060\037\006\003\125\004\012\023\030\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\114
\056\114\056\103\056\061\064\060\062\006\003\125\004\003\023\053
\116\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156
\163\040\122\123\101\040\103\145\162\164\151\146\151\143\141\164
\145\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061
\065\061\061\061\070\060\060\060\060\060\060\132\027\015\063\070
\060\061\061\070\062\063\065\071\065\071\132\060\201\212\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\013\060\011\006
\003\125\004\010\023\002\106\114\061\025\060\023\006\003\125\004
\007\023\014\112\141\143\153\163\157\156\166\151\154\154\145\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\064\060\062\006\003\125\004\003\023\053\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\122
\123\101\040\103\145\162\164\151\146\151\143\141\164\145\040\101
\165\164\150\157\162\151\164\171\060\202\002\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000
\060\202\002\012\002\202\002\001\000\204\337\250\246\243\214\013
\170\036\310\115\031\225\335\051\220\222\040\065\220\052\224\215
\202\063\055\160\022\130\245\010\212\236\301\010\363\223\326\150
\300\057\024\276\171\244\374\175\314\325\274\076\217\355\234\112
\002\141\131\075\252\303\157\164\000\322\370\032\064\324\124\236
\152\164\107\232\057\340\322\367\017\367\303\335\077\245\277\301
\372\175\102\151\140\000\200\354\074\346\273\201\067\244\036\006
\024\075\127\217\220\244\065\112\064\163\207\266\032\303\135\220
\357\006\115\160\166\066\074\202\211\355\317\144\031\203\045\103
\116\034\342\361\152\122\206\376\121\344\176\070\337\025\215\114
\154\140\101\112\117\260\100\125\106\071\165\311\201\071\000\163
\212\142\352\017\145\267\217\117\227\100\316\317\356\301\152\050
\240\161\251\231\047\321\075\311\065\163\172\200\231\370\175\206
\271\235\171\072\355\323\052\372\176\246\270\377\127\052\163\262
\246\277\332\211\272\006\033\332\145\240\346\276\140\224\210\366
\337\146\341\047\152\033\376\320\136\251\215\040\213\012\304\037
\176\210\101\057\262\301\320\363\266\150\355\310\073\361\357\252
\007\336\176\327\042\340\201\366\245\352\173\026\364\102\124\235
\226\176\366\142\026\123\315\375\012\253\262\102\241\116\052\210
\102\165\203\275\214\345\115\172\347\035\343\114\270\336\343\253
\140\070\055\147\051\376\344\137\256\302\250\350\277\256\154\371
\353\263\122\361\177\351\354\302\057\331\235\312\027\236\102\372
\073\130\301\076\210\142\117\137\223\301\227\155\146\217\034\042
\363\232\301\364\355\271\153\032\176\066\204\310\061\270\360\136
\053\176\225\344\171\317\165\114\302\330\004\277\070\216\050\263
\335\133\266\330\117\043\156\222\350\067\225\256\203\256\326\374

\071\052\106\006\037\361\204\165\041\326\270\116\246\052\227\130
\145\365\232\030\001\327\365\303\177\051\311\020\356\163\112\103
\166\173\321\246\060\121\377\326\053\035\036\142\204\276\371\276
\151\227\231\307\015\347\174\044\120\165\027\375\244\040\347\065
\150\003\140\224\247\331\015\306\032\054\345\342\116\325\314\016
\300\172\060\126\357\140\222\276\331\056\365\307\360\350\105\317
\332\206\256\357\330\167\251\022\047\002\003\001\000\001\243\102
\060\100\060\035\006\003\125\035\016\004\026\004\024\017\361\112
\112\165\164\005\021\014\035\330\133\231\353\277\376\252\175\136
\327\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\206\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\015\006\011\052\206\110\206\367\015\001\001\014\005
\000\003\202\002\001\000\075\313\322\106\170\365\366\072\027\350
\303\173\144\321\305\273\220\170\215\365\117\271\304\055\227\373
\013\346\305\270\361\266\352\350\130\113\064\255\167\171\054\065
\037\162\175\002\076\356\265\320\026\212\006\067\226\265\357\103
\320\011\020\054\227\146\307\201\037\036\346\047\305\202\221\130
\136\363\310\133\101\150\200\203\221\271\234\201\370\047\372\105
\337\356\171\362\134\155\160\002\124\356\300\123\330\103\353\005
\172\314\364\121\335\251\324\042\175\152\073\362\376\210\324\122
\111\072\205\222\144\123\370\152\123\140\210\217\362\133\324\256
\053\122\340\352\377\124\176\241\344\357\206\033\247\203\013\006
\146\136\060\200\214\125\240\107\063\377\153\036\104\110\113\141
\252\036\076\350\114\144\307\330\155\175\016\256\074\074\102\075
\312\044\032\160\361\141\024\234\072\030\325\360\006\051\221\042
\262\072\072\241\026\124\143\032\371\063\225\104\237\044\243\041
\144\004\010\342\233\325\336\010\122\034\142\034\123\026\107\065
\102\046\307\247\014\375\363\133\023\167\002\214\134\342\026\360
\030\037\331\175\365\337\002\044\210\172\363\136\377\027\016\263
\142\147\241\253\261\027\216\075\072\106\260\365\106\214\253\204
\330\365\016\241\040\353\302\360\231\164\075\216\263\003\330\044
\305\154\353\153\014\123\277\140\151\335\214\050\305\157\317\273
\322\201\167\053\306\174\261\304\112\154\025\020\067\051\135\256
\370\261\021\005\304\024\215\354\023\243\104\375\115\213\150\270
\301\377\235\325\067\056\110\370\050\174\334\371\163\123\331\266
\001\165\102\172\277\013\337\121\120\270\123\262\341\356\164\220
\313\274\252\320\161\203\242\253\116\311\020\266\075\034\357\100
\327\117\103\220\063\271\001\226\124\135\052\325\006\133\222\206
\270\006\020\201\006\310\221\333\051\040\262\123\275\363\113\133
\114\333\151\037\211\156\124\077\327\211\135\347\265\315\014\276
\077\175\170\070\001\322\266\147\246\317\130\110\224\032\105\375
\220\163\111\312\265\103\240\041\142\215\111\004\046\252\370\037
\056\077\362\056\241\362\253\364\006\036\260\055\304\301\160\102
\075\375\303\121\111\210\000\016\312\202\015\233\171\002\342\300
\056\223\337\344\362\361

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Network Solutions RSA Certificate Authority"
Issuer: CN=Network Solutions RSA Certificate Authority,O=Network Solutions
L.L.C.,L=Jacksonville,ST=FL,C=US
Serial Number:4c:03:4b:ac:67:18:4c:7f:af:44:08:4d:82:96:c7:b2
Subject: CN=Network Solutions RSA Certificate Authority,O=Network Solutions
L.L.C.,L=Jacksonville,ST=FL,C=US
Not Valid Before: Wed Nov 18 00:00:00 2015
Not Valid After: Mon Jan 18 23:59:59 2038
Fingerprint (MD5): 5a:2f:58:bc:83:2c:2d:99:b4:9b:78:24:d4:8f:f9:67
Fingerprint (SHA1): 8e:92:8c:0f:c2:7b:b7:ab:a3:4e:6b:c0:ca:12:50:cb:57:b6:0f:84

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Network Solutions RSA Certificate Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\216\222\214\017\302\173\267\253\243\116\153\300\312\022\120\313
\127\266\017\204

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\132\057\130\274\203\054\055\231\264\233\170\044\324\217\371\147

END

CKA_ISSUER MULTILINE_OCTAL

\060\201\212\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\013\060\011\006\003\125\004\010\023\002\106\114\061\025\060
\023\006\003\125\004\007\023\014\112\141\143\153\163\157\156\166
\151\154\154\145\061\041\060\037\006\003\125\004\012\023\030\116
\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163
\040\114\056\114\056\103\056\061\064\060\062\006\003\125\004\003
\023\053\116\145\164\167\157\162\153\040\123\157\154\165\164\151
\157\156\163\040\122\123\101\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\114\003\113\254\147\030\114\177\257\104\010\115\202\226
\307\262

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "Network Solutions ECC Certificate Authority"
Issuer: CN=Network Solutions ECC Certificate Authority,O=Network Solutions

```
L.L.C.,L=Jacksonville,ST=FL,C=US
# Serial Number:79:38:4b:b4:19:1a:8d:74:22:cc:ff:85:32:f2:e4:ba
# Subject: CN=Network Solutions ECC Certificate Authority,O=Network Solutions
L.L.C.,L=Jacksonville,ST=FL,C=US
# Not Valid Before: Wed Nov 18 00:00:00 2015
# Not Valid After: Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): a5:a8:cc:e3:1c:41:11:8c:6a:8c:38:bd:a2:47:fe:b2
# Fingerprint (SHA1): 80:f9:5b:74:1c:38:39:94:95:c3:4f:20:c2:3e:73:36:31:4d:3c:6b
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions ECC Certificate Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\013\060\011\006\003\125\004\010\023\002\106\114\061\025\060
\023\006\003\125\004\007\023\014\112\141\143\153\163\157\156\166
\151\154\154\145\061\041\060\037\006\003\125\004\012\023\030\116
\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163
\040\114\056\114\056\103\056\061\064\060\062\006\003\125\004\003
\023\053\116\145\164\167\157\162\153\040\123\157\154\165\164\151
\157\156\163\040\105\103\103\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\013\060\011\006\003\125\004\010\023\002\106\114\061\025\060
\023\006\003\125\004\007\023\014\112\141\143\153\163\157\156\166
\151\154\154\145\061\041\060\037\006\003\125\004\012\023\030\116
\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163
\040\114\056\114\056\103\056\061\064\060\062\006\003\125\004\003
\023\053\116\145\164\167\157\162\153\040\123\157\154\165\164\151
\157\156\163\040\105\103\103\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\171\070\113\264\031\032\215\164\042\314\377\205\062\362
\344\272
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\224\060\202\002\031\240\003\002\001\002\002\020\171
\070\113\264\031\032\215\164\042\314\377\205\062\362\344\272\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\212\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\013\060\011\006
\003\125\004\010\023\002\106\114\061\025\060\023\006\003\125\004
\007\023\014\112\141\143\153\163\157\156\166\151\154\154\145\061
```


\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\064\060\062\006\003\125\004\003\023\053\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\105
\103\103\040\103\145\162\164\151\146\151\143\141\164\145\040\101
\165\164\150\157\162\151\164\171\060\036\027\015\061\065\061\061
\061\070\060\060\060\060\060\060\132\027\015\063\070\060\061\061
\070\062\063\065\071\065\071\132\060\201\212\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\013\060\011\006\003\125\004
\010\023\002\106\114\061\025\060\023\006\003\125\004\007\023\014
\112\141\143\153\163\157\156\166\151\154\154\145\061\041\060\037
\006\003\125\004\012\023\030\116\145\164\167\157\162\153\040\123
\157\154\165\164\151\157\156\163\040\114\056\114\056\103\056\061
\064\060\062\006\003\125\004\003\023\053\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\105\103\103\040
\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150
\157\162\151\164\171\060\166\060\020\006\007\052\206\110\316\075
\002\001\006\005\053\201\004\000\042\003\142\000\004\024\341\003
\013\145\157\255\131\326\036\356\311\277\264\114\305\306\134\057
\060\307\237\122\333\150\141\300\151\020\342\222\172\032\303\277
\222\250\211\071\212\373\347\240\273\161\244\240\303\337\167\326
\224\067\023\137\176\123\135\120\272\343\114\010\307\145\342\101
\260\346\131\362\234\370\300\262\167\301\012\221\046\167\362\151
\266\273\320\101\074\052\210\032\224\221\026\306\076\243\102\060
\100\060\035\006\003\125\035\016\004\026\004\024\233\173\353\310
\377\203\362\122\230\107\060\012\126\370\070\276\343\353\000\316
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\012\006\010\052\206\110\316\075\004\003\003\003\151\000
\060\146\002\061\000\251\144\130\367\234\271\023\146\042\111\177
\262\321\002\351\023\374\034\373\244\064\222\344\312\007\015\267
\261\122\170\050\064\313\362\041\126\221\206\206\310\212\013\257
\062\204\124\145\211\002\061\000\354\171\015\235\211\360\014\030
\352\173\127\122\255\013\346\324\171\133\313\233\342\006\105\165
\030\275\320\374\247\335\307\341\307\042\266\343\101\044\135\043
\346\250\237\000\152\120\062\045

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Network Solutions ECC Certificate Authority"
Issuer: CN=Network Solutions ECC Certificate Authority,O=Network Solutions
L.L.C.,L=Jacksonville,ST=FL,C=US
Serial Number: 79:38:4b:b4:19:1a:8d:74:22:cc:ff:85:32:f2:e4:ba
Subject: CN=Network Solutions ECC Certificate Authority,O=Network Solutions
L.L.C.,L=Jacksonville,ST=FL,C=US

```
# Not Valid Before: Wed Nov 18 00:00:00 2015
# Not Valid After: Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): a5:a8:cc:e3:1c:41:11:8c:6a:8c:38:bd:a2:47:fe:b2
# Fingerprint (SHA1): 80:f9:5b:74:1c:38:39:94:95:c3:4f:20:c2:3e:73:36:31:4d:3c:6b
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions ECC Certificate Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\200\371\133\164\034\070\071\224\225\303\117\040\302\076\163\066
\061\115\074\153
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\245\250\314\343\034\101\021\214\152\214\070\275\242\107\376\262
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\013\060\011\006\003\125\004\010\023\002\106\114\061\025\060
\023\006\003\125\004\007\023\014\112\141\143\153\163\157\156\166
\151\154\154\145\061\041\060\037\006\003\125\004\012\023\030\116
\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163
\040\114\056\114\056\103\056\061\064\060\062\006\003\125\004\003
\023\053\116\145\164\167\157\162\153\040\123\157\154\165\164\151
\157\156\163\040\105\103\103\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\171\070\113\264\031\032\215\164\042\314\377\205\062\362
\344\272
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Australian Defence Public Root CA"
# Issuer: CN=Australian Defence Public Root CA,OU=CAs,OU=PKI,OU=DoD,O=GOV,C=AU
# Serial Number:29:eb:92:33:46:4f:32:41:ff:83:19:00:a9:ad:c4:d9:f8:e3:e2:7f
# Subject: CN=Australian Defence Public Root CA,OU=CAs,OU=PKI,OU=DoD,O=GOV,C=AU
# Not Valid Before: Mon Nov 28 22:25:28 2016
# Not Valid After: Fri Nov 28 22:13:48 2036
# Fingerprint (MD5): a2:6b:fb:f8:f3:14:59:bf:16:d7:3c:ce:f3:20:0a:97
# Fingerprint (SHA1): a9:ca:fe:9d:fd:67:f4:14:5a:d3:97:d0:e2:f3:05:0d:19:8d:e6:ee
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Australian Defence Public Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\161\061\013\060\011\006\003\125\004\006\023\002\101\125\061
\014\060\012\006\003\125\004\012\023\003\107\117\126\061\014\060
\012\006\003\125\004\013\023\003\104\157\104\061\014\060\012\006
\003\125\004\013\023\003\120\113\111\061\014\060\012\006\003\125
\004\013\023\003\103\101\163\061\052\060\050\006\003\125\004\003
\023\041\101\165\163\164\162\141\154\151\141\156\040\104\145\146
\145\156\143\145\040\120\165\142\154\151\143\040\122\157\157\164
\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\161\061\013\060\011\006\003\125\004\006\023\002\101\125\061
\014\060\012\006\003\125\004\012\023\003\107\117\126\061\014\060
\012\006\003\125\004\013\023\003\104\157\104\061\014\060\012\006
\003\125\004\013\023\003\120\113\111\061\014\060\012\006\003\125
\004\013\023\003\103\101\163\061\052\060\050\006\003\125\004\003
\023\041\101\165\163\164\162\141\154\151\141\156\040\104\145\146
\145\156\143\145\040\120\165\142\154\151\143\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\051\353\222\063\106\117\062\101\377\203\031\000\251\255
\304\331\370\343\342\177
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\042\060\202\003\012\240\003\002\001\002\002\024\051
\353\222\063\106\117\062\101\377\203\031\000\251\255\304\331\370
\343\342\177\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\161\061\013\060\011\006\003\125\004\006\023\002\101
\125\061\014\060\012\006\003\125\004\012\023\003\107\117\126\061
\014\060\012\006\003\125\004\013\023\003\104\157\104\061\014\060
\012\006\003\125\004\013\023\003\120\113\111\061\014\060\012\006
\003\125\004\013\023\003\103\101\163\061\052\060\050\006\003\125
\004\003\023\041\101\165\163\164\162\141\154\151\141\156\040\104
\145\146\145\156\143\145\040\120\165\142\154\151\143\040\122\157
\157\164\040\103\101\060\036\027\015\061\066\061\061\062\070\062
\062\062\065\062\070\132\027\015\063\066\061\061\062\070\062\062
\061\063\064\070\132\060\161\061\013\060\011\006\003\125\004\006
\023\002\101\125\061\014\060\012\006\003\125\004\012\023\003\107
\117\126\061\014\060\012\006\003\125\004\013\023\003\104\157\104
\061\014\060\012\006\003\125\004\013\023\003\120\113\111\061\014
\060\012\006\003\125\004\013\023\003\103\101\163\061\052\060\050
\006\003\125\004\003\023\041\101\165\163\164\162\141\154\151\141
\156\040\104\145\146\145\156\143\145\040\120\165\142\154\151\143
```

\040\122\157\157\164\040\103\101\060\202\001\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000
\060\202\001\012\002\202\001\001\000\323\116\124\004\033\320\364
\233\235\270\043\207\340\040\307\236\230\261\161\172\006\220\056
\342\255\110\376\223\005\154\354\206\277\050\100\205\263\114\171
\357\107\123\230\020\036\124\356\175\170\270\030\023\014\104\122
\375\320\201\252\223\010\043\071\276\137\017\153\335\045\227\363
\001\102\337\324\201\000\304\120\276\172\211\055\031\257\163\112
\077\314\072\300\277\242\250\305\025\367\076\174\101\164\202\153
\056\167\146\342\152\245\221\210\156\006\061\247\257\013\346\132
\340\256\175\132\257\057\107\320\362\373\204\163\234\106\241\036
\204\104\121\304\137\056\332\220\002\137\201\337\021\016\322\373
\273\072\027\163\243\362\215\143\252\117\377\162\172\145\142\203
\132\052\074\362\315\054\043\215\317\353\041\037\277\324\003\127
\365\067\026\014\136\345\127\021\302\250\372\377\154\071\362\075
\122\346\265\171\300\133\342\262\352\143\040\014\016\245\052\136
\022\341\346\257\137\213\174\240\255\071\065\065\230\137\361\257
\070\320\046\323\115\275\142\167\165\075\257\153\024\206\173\132
\366\041\217\326\352\342\247\016\255\002\003\001\000\001\243\201
\261\060\201\256\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\113\006\003\125\035\040\004\104\060\102
\060\006\006\004\125\035\040\000\060\070\006\011\052\044\001\202
\116\001\001\001\007\060\053\060\051\006\010\053\006\001\005\005
\007\002\001\026\035\150\164\164\160\072\057\057\143\162\154\056
\144\145\146\145\156\143\145\056\147\157\166\056\141\165\057\160
\153\151\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\306\060\037\006\003\125\035\043\004\030\060\026\200\024\254
\231\341\002\057\350\134\113\101\267\064\270\036\351\233\203\066
\015\224\264\060\035\006\003\125\035\016\004\026\004\024\254\231
\341\002\057\350\134\113\101\267\064\270\036\351\233\203\066\015
\224\264\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\003\202\001\001\000\170\274\201\112\330\072\127\273\275\046
\277\352\052\050\360\210\212\362\120\114\220\147\332\113\365\270
\024\010\272\333\177\162\250\232\131\274\361\034\211\250\364\072
\003\020\124\023\172\135\306\332\272\076\017\210\325\152\323\033
\227\055\142\141\072\157\371\000\257\162\006\163\354\020\300\141
\036\314\134\117\031\062\106\070\301\335\077\322\067\032\245\216
\206\240\360\011\314\065\326\031\002\174\315\071\374\367\371\037
\347\224\171\116\075\267\370\227\116\073\104\152\315\224\260\271
\367\176\342\343\371\231\177\305\323\246\120\264\111\373\026\176
\116\101\054\317\076\307\171\100\272\201\030\046\010\371\305\235
\343\330\361\157\034\150\077\152\133\167\027\122\243\006\336\031
\302\113\156\242\225\374\325\010\277\054\265\151\065\121\343\343
\337\117\032\051\155\203\170\075\070\044\312\002\077\124\020\341
\263\144\341\325\232\336\363\067\366\063\020\265\166\263\253\327
\311\037\123\072\255\125\101\034\110\311\066\236\207\377\165\334
\151\320\257\331\172\127\306\312\261\103\374\071\201\374\334\172
\243\232\245\230\120\124

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Trust for "Australian Defence Public Root CA"
# Issuer: CN=Australian Defence Public Root CA,OU=CAs,OU=PKI,OU=DoD,O=GOV,C=AU
# Serial Number:29:eb:92:33:46:4f:32:41:ff:83:19:00:a9:ad:c4:d9:f8:e3:e2:7f
# Subject: CN=Australian Defence Public Root CA,OU=CAs,OU=PKI,OU=DoD,O=GOV,C=AU
# Not Valid Before: Mon Nov 28 22:25:28 2016
# Not Valid After: Fri Nov 28 22:13:48 2036
# Fingerprint (MD5): a2:6b:fb:f8:f3:14:59:bf:16:d7:3c:ce:f3:20:0a:97
# Fingerprint (SHA1): a9:ca:fe:9d:fd:67:f4:14:5a:d3:97:d0:e2:f3:05:0d:19:8d:e6:ee
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Australian Defence Public Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\251\312\376\235\375\147\364\024\132\323\227\320\342\363\005\015
\031\215\346\356
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\242\153\373\370\363\024\131\277\026\327\074\316\363\040\012\227
END
CKA_ISSUER MULTILINE_OCTAL
\060\161\061\013\060\011\006\003\125\004\006\023\002\101\125\061
\014\060\012\006\003\125\004\012\023\003\107\117\126\061\014\060
\012\006\003\125\004\013\023\003\104\157\104\061\014\060\012\006
\003\125\004\013\023\003\120\113\111\061\014\060\012\006\003\125
\004\013\023\003\103\101\163\061\052\060\050\006\003\125\004\003
\023\041\101\165\163\164\162\141\154\151\141\156\040\104\145\146
\145\156\143\145\040\120\165\142\154\151\143\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\051\353\222\063\106\117\062\101\377\203\031\000\251\255
\304\331\370\343\342\177
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "SI-TRUST Root"
# Issuer: CN=SI-TRUST Root,2.5.4.97=VATSI-17659957,O=Republika Slovenija,C=SI

```

```
# Serial Number:90:ae:77:76:00:00:00:00:57:1d:d0:6f
# Subject: CN=SI-TRUST Root,2.5.4.97=VATSI-17659957,O=Republika Slovenija,C=SI
# Not Valid Before: Mon Apr 25 07:38:17 2016
# Not Valid After: Fri Dec 25 08:08:17 2037
# Fingerprint (MD5): 3a:ba:c6:f3:c7:d1:b7:8a:86:22:7d:ee:99:81:fc:90
# Fingerprint (SHA1): 3a:49:79:b4:0f:a8:41:48:82:00:b5:82:fb:ee:b6:3a:ab:99:19:ae
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SI-TRUST Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\134\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\034\060\032\006\003\125\004\012\023\023\122\145\160\165\142\154
\151\153\141\040\123\154\157\166\145\156\151\152\141\061\027\060
\025\006\003\125\004\141\023\016\126\101\124\123\111\055\061\067
\066\065\071\071\065\067\061\026\060\024\006\003\125\004\003\023
\015\123\111\055\124\122\125\123\124\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\134\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\034\060\032\006\003\125\004\012\023\023\122\145\160\165\142\154
\151\153\141\040\123\154\157\166\145\156\151\152\141\061\027\060
\025\006\003\125\004\141\023\016\126\101\124\123\111\055\061\067
\066\065\071\071\065\067\061\026\060\024\006\003\125\004\003\023
\015\123\111\055\124\122\125\123\124\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\000\220\256\167\166\000\000\000\000\127\035\320\157
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\212\060\202\002\362\240\003\002\001\002\002\015\000
\220\256\167\166\000\000\000\000\127\035\320\157\060\015\006\011
\052\206\110\206\367\015\001\001\013\005\000\060\134\061\013\060
\011\006\003\125\004\006\023\002\123\111\061\034\060\032\006\003
\125\004\012\023\023\122\145\160\165\142\154\151\153\141\040\123
\154\157\166\145\156\151\152\141\061\027\060\025\006\003\125\004
\141\023\016\126\101\124\123\111\055\061\067\066\065\071\071\065
\067\061\026\060\024\006\003\125\004\003\023\015\123\111\055\124
\122\125\123\124\040\122\157\157\164\060\036\027\015\061\066\060
\064\062\065\060\067\063\070\061\067\132\027\015\063\067\061\062
\062\065\060\070\060\070\061\067\132\060\134\061\013\060\011\006
\003\125\004\006\023\002\123\111\061\034\060\032\006\003\125\004
\012\023\023\122\145\160\165\142\154\151\153\141\040\123\154\157
\166\145\156\151\152\141\061\027\060\025\006\003\125\004\141\023
\016\126\101\124\123\111\055\061\067\066\065\071\071\065\067\061
```

\026\060\024\006\003\125\004\003\023\015\123\111\055\124\122\125
\123\124\040\122\157\157\164\060\202\001\242\060\015\006\011\052
\206\110\206\367\015\001\001\001\005\000\003\202\001\217\000\060
\202\001\212\002\202\001\201\000\323\313\234\055\302\340\060\103
\145\061\044\377\113\260\070\331\251\123\327\065\321\333\267\113
\223\264\162\215\361\313\225\322\123\053\164\233\062\232\244\057
\076\002\006\335\257\160\025\241\252\317\021\207\212\146\173\313
\314\035\160\104\134\217\254\312\346\303\133\047\264\215\243\216
\020\277\156\124\164\010\160\212\043\350\312\307\164\304\146\221
\040\335\113\350\245\204\165\245\230\225\202\213\033\341\040\044
\007\106\253\014\145\066\100\147\213\165\356\251\331\221\051\033
\355\157\055\105\302\326\342\140\001\261\363\116\071\053\073\157
\077\205\276\010\366\123\053\173\242\311\105\241\104\201\200\146
\232\140\072\033\304\276\014\314\060\020\177\021\066\070\112\346
\233\241\226\123\234\224\314\021\306\004\114\242\125\113\377\200
\341\257\214\034\065\374\271\223\067\337\371\135\075\334\353\015
\047\154\104\311\131\146\053\126\157\377\004\033\367\365\151\303
\135\303\030\376\275\247\331\144\057\242\237\140\331\162\154\075
\074\165\362\045\047\230\056\072\270\311\335\115\165\275\253\260
\042\141\130\001\067\050\246\040\235\056\140\134\373\220\274\106
\103\270\376\155\330\300\146\042\044\153\064\170\042\345\271\342
\130\351\110\070\356\114\275\001\173\156\076\100\352\321\302\012
\102\223\147\303\046\057\077\007\133\317\257\343\035\350\072\342
\145\341\204\221\077\365\146\000\375\252\063\106\102\354\026\076
\322\023\145\057\016\011\123\366\344\052\165\024\234\031\063\026
\232\105\341\333\127\317\317\070\324\247\367\355\130\103\344\016
\230\134\304\340\061\077\224\244\157\113\112\242\325\112\215\046
\251\035\144\045\010\065\015\347\002\003\001\000\001\243\113\060
\111\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\006\060\023\006\003\125\035\043\004\014\060\012\200\010\114
\243\303\150\136\010\002\143\060\021\006\003\125\035\016\004\012
\004\010\114\243\303\150\136\010\002\143\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\001\201\000\046\043
\205\273\135\101\031\156\222\203\212\356\001\213\004\065\031\177
\253\217\334\326\063\301\371\171\226\136\043\365\360\316\335\352
\333\141\073\132\257\335\130\351\102\211\100\357\371\331\147\021
\177\115\361\355\351\021\173\261\101\017\355\244\322\026\266\357
\301\375\213\366\021\053\054\357\374\007\006\106\014\317\002\013
\355\073\336\217\011\271\063\253\046\200\124\104\102\145\327\347
\257\315\120\016\312\310\210\241\022\234\052\225\073\076\124\074
\110\163\366\174\170\324\233\377\223\367\105\344\051\204\143\374
\372\176\032\347\134\340\162\127\260\057\170\035\060\306\023\375
\210\137\261\145\210\332\136\227\023\201\173\376\036\317\173\277
\127\060\301\160\222\103\246\231\360\125\237\230\305\043\102\275
\164\034\061\216\022\245\331\105\152\052\132\310\130\315\275\326
\335\076\065\013\031\177\003\034\316\007\017\207\105\223\025\241
\153\275\064\034\340\336\365\324\270\345\221\034\113\005\265\047

```
\046\274\317\321\011\230\026\306\341\361\125\113\072\173\155\336
\306\147\266\301\067\055\237\250\216\131\307\267\246\305\357\337
\026\342\355\336\262\267\363\242\066\244\050\062\072\012\224\313
\077\136\376\156\131\355\272\066\262\223\326\306\303\031\376\365
\231\170\353\107\107\345\255\102\172\354\274\173\311\056\101\116
\115\017\004\016\212\113\063\207\334\361\166\174\132\030\214\234
\012\022\327\242\263\302\205\207\256\155\061\120\142\062\041\240
\150\026\137\224\065\164\125\051\322\161\201\010\112\341\327\135
\252\124\001\263\033\174\131\256\276\254\014\312\270\100\144\147
\133\235\352\006\006\021\326\320\060\163\036\343\274\053
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
```

```
# Trust for "SI-TRUST Root"
```

```
# Issuer: CN=SI-TRUST Root,2.5.4.97=VATSI-17659957,O=Republika Slovenija,C=SI
```

```
# Serial Number:90:ae:77:76:00:00:00:00:57:1d:d0:6f
```

```
# Subject: CN=SI-TRUST Root,2.5.4.97=VATSI-17659957,O=Republika Slovenija,C=SI
```

```
# Not Valid Before: Mon Apr 25 07:38:17 2016
```

```
# Not Valid After: Fri Dec 25 08:08:17 2037
```

```
# Fingerprint (MD5): 3a:ba:c6:f3:c7:d1:b7:8a:86:22:7d:ee:99:81:fc:90
```

```
# Fingerprint (SHA1): 3a:49:79:b4:0f:a8:41:48:82:00:b5:82:fb:ee:b6:3a:ab:99:19:ae
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SI-TRUST Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\072\111\171\264\017\250\101\110\202\000\265\202\373\356\266\072
\253\231\031\256
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\072\272\306\363\307\321\267\212\206\042\175\356\231\201\374\220
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\134\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\034\060\032\006\003\125\004\012\023\023\122\145\160\165\142\154
\151\153\141\040\123\154\157\166\145\156\151\152\141\061\027\060
\025\006\003\125\004\141\023\016\126\101\124\123\111\055\061\067
\066\065\071\071\065\067\061\026\060\024\006\003\125\004\003\023
\015\123\111\055\124\122\125\123\124\040\122\157\157\164
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\015\000\220\256\167\166\000\000\000\000\127\035\320\157
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```


CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Certificate "Halcom Root Certificate Authority"
Issuer: CN=Halcom Root Certificate Authority,2.5.4.97=VATSI-43353126,O=Halcom d.d.,C=SI
Serial Number: 843675 (0xcd9b)
Subject: CN=Halcom Root Certificate Authority,2.5.4.97=VATSI-43353126,O=Halcom d.d.,C=SI
Not Valid Before: Fri Jun 10 07:07:50 2016
Not Valid After: Tue Jun 10 07:07:50 2036
Fingerprint (MD5): 69:16:83:a1:f7:27:b9:ec:7c:d2:c6:b3:79:b2:a3:61
Fingerprint (SHA1): 23:d7:31:fe:dc:5c:8b:b9:7d:e6:dc:8e:13:b4:11:bd:4f:24:00:4f

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Halcom Root Certificate Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\024\060\022\006\003\125\004\012\023\013\110\141\154\143\157\155
\040\144\056\144\056\061\027\060\025\006\003\125\004\141\023\016
\126\101\124\123\111\055\064\063\063\065\063\061\062\066\061\052
\060\050\006\003\125\004\003\023\041\110\141\154\143\157\155\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\145
\040\101\165\164\150\157\162\151\164\171
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\024\060\022\006\003\125\004\012\023\013\110\141\154\143\157\155
\040\144\056\144\056\061\027\060\025\006\003\125\004\141\023\016
\126\101\124\123\111\055\064\063\063\065\063\061\062\066\061\052
\060\050\006\003\125\004\003\023\041\110\141\154\143\157\155\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\145
\040\101\165\164\150\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\014\337\233
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\200\060\202\002\150\240\003\002\001\002\002\003\014
\337\233\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\150\061\013\060\011\006\003\125\004\006\023\002\123\111
\061\024\060\022\006\003\125\004\012\023\013\110\141\154\143\157
\155\040\144\056\144\056\061\027\060\025\006\003\125\004\141\023
\016\126\101\124\123\111\055\064\063\063\065\063\061\062\066\061

\052\060\050\006\003\125\004\003\023\041\110\141\154\143\157\155
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\145\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061
\066\060\066\061\060\060\067\060\067\065\060\132\027\015\063\066
\060\066\061\060\060\067\060\067\065\060\132\060\150\061\013\060
\011\006\003\125\004\006\023\002\123\111\061\024\060\022\006\003
\125\004\012\023\013\110\141\154\143\157\155\040\144\056\144\056
\061\027\060\025\006\003\125\004\141\023\016\126\101\124\123\111
\055\064\063\063\065\063\061\062\066\061\052\060\050\006\003\125
\004\003\023\041\110\141\154\143\157\155\040\122\157\157\164\040
\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150
\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\351\122\246\306\032\357\143\273\255\201
\364\220\262\132\217\015\325\026\063\264\034\030\373\313\211\052
\060\273\145\201\304\341\373\002\251\224\007\166\345\327\025\344
\172\144\020\200\352\074\320\263\242\255\256\034\037\352\273\201
\141\230\324\371\215\151\225\304\105\056\003\011\312\206\372\134
\132\021\027\100\060\076\360\306\143\011\311\361\215\101\245\126
\015\005\144\151\113\130\254\052\051\226\273\100\063\026\064\113
\147\154\327\361\264\106\245\352\131\250\103\150\017\214\070\052
\252\074\366\104\003\206\370\212\333\105\041\053\051\036\022\267
\372\245\145\101\336\006\010\130\160\225\076\364\114\331\353\017
\051\251\221\212\236\255\312\022\365\345\225\346\070\331\032\246
\213\234\117\246\110\023\020\245\171\104\275\152\073\051\365\026
\167\100\313\176\233\134\337\276\213\353\347\240\031\157\237\025
\077\047\236\051\261\365\015\374\137\107\242\074\335\056\013\002
\373\364\215\352\354\014\261\371\264\005\254\371\217\251\075\156
\054\035\071\237\320\116\237\116\310\152\236\200\003\141\334\317
\370\155\224\313\017\317\002\003\001\000\001\243\063\060\061\060
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377
\060\021\006\003\125\035\016\004\012\004\010\102\256\246\103\307
\230\050\260\060\013\006\003\125\035\017\004\004\003\002\001\006
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003
\202\001\001\000\122\271\171\320\333\143\376\031\201\373\014\371
\301\345\120\131\312\235\262\373\134\063\320\070\250\253\265\032
\116\123\045\165\042\323\111\277\312\201\317\323\341\173\243\221
\106\165\312\032\353\331\365\135\274\173\206\065\375\201\227\234
\204\327\046\230\042\374\261\065\320\251\225\266\174\377\344\227
\264\100\176\111\135\150\310\342\324\071\165\047\117\003\221\262
\061\127\277\206\327\155\312\161\000\042\067\320\073\130\044\120
\240\234\214\232\211\216\365\050\106\154\347\026\355\260\201\253
\364\106\046\257\246\350\032\105\167\160\026\222\262\173\161\161
\334\367\337\111\147\300\063\010\016\056\123\301\167\253\307\112
\221\114\022\357\347\016\011\345\165\061\040\256\156\374\132\212
\200\234\020\260\333\250\112\314\363\053\334\066\064\246\367\251
\013\147\235\220\313\075\046\237\165\315\114\311\035\006\012\165
\213\122\300\201\360\321\046\254\314\222\246\024\234\134\074\026

```
\102\373\223\314\002\250\023\363\332\256\012\303\270\025\364\260
\320\324\340\026\040\117\254\120\230\170\046\224\036\150\353\224
\162\376\367\213
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "Halcom Root Certificate Authority"

Issuer: CN=Halcom Root Certificate Authority,2.5.4.97=VATSI-43353126,O=Halcom d.d.,C=SI

Serial Number: 843675 (0xcd9b)

Subject: CN=Halcom Root Certificate Authority,2.5.4.97=VATSI-43353126,O=Halcom d.d.,C=SI

Not Valid Before: Fri Jun 10 07:07:50 2016

Not Valid After: Tue Jun 10 07:07:50 2036

Fingerprint (MD5): 69:16:83:a1:f7:27:b9:ec:7c:d2:c6:b3:79:b2:a3:61

Fingerprint (SHA1): 23:d7:31:fe:dc:5c:8b:b9:7d:e6:dc:8e:13:b4:11:bd:4f:24:00:4f

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Halcom Root Certificate Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\043\327\061\376\334\134\213\271\175\346\334\216\023\264\021\275
\117\044\000\117
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\151\026\203\241\367\047\271\354\174\322\306\263\171\262\243\141
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\150\061\013\060\011\006\003\125\004\006\023\002\123\111\061
\024\060\022\006\003\125\004\012\023\013\110\141\154\143\157\155
\040\144\056\144\056\061\027\060\025\006\003\125\004\141\023\016
\126\101\124\123\111\055\064\063\063\065\063\061\062\066\061\052
\060\050\006\003\125\004\003\023\041\110\141\154\143\157\155\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\145
\040\101\165\164\150\157\162\151\164\171
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\003\014\337\233
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Certificate "Application CA G3 Root"

```
# Issuer: CN=Application CA G3 Root,O=LGPKI,C=JP
# Serial Number: 49 (0x31)
# Subject: CN=Application CA G3 Root,O=LGPKI,C=JP
# Not Valid Before: Tue Jun 03 15:00:00 2014
# Not Valid After: Sat Jun 03 14:59:59 2034
# Fingerprint (MD5): 47:5e:d1:73:5a:e8:95:77:04:01:a3:3f:33:02:5c:20
# Fingerprint (SHA1): 6f:38:84:56:8e:99:c8:c6:ac:0e:5d:de:2d:b2:02:dd:00:2e:36:63
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Application CA G3 Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\016\060\014\006\003\125\004\012\023\005\114\107\120\113\111\061
\037\060\035\006\003\125\004\003\023\026\101\160\160\154\151\143
\141\164\151\157\156\040\103\101\040\107\063\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\016\060\014\006\003\125\004\012\023\005\114\107\120\113\111\061
\037\060\035\006\003\125\004\003\023\026\101\160\160\154\151\143
\141\164\151\157\156\040\103\101\040\107\063\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\061
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\132\060\202\002\102\240\003\002\001\002\002\001\061
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\076\061\013\060\011\006\003\125\004\006\023\002\112\120\061\016
\060\014\006\003\125\004\012\023\005\114\107\120\113\111\061\037
\060\035\006\003\125\004\003\023\026\101\160\160\154\151\143\141
\164\151\157\156\040\103\101\040\107\063\040\122\157\157\164\060
\036\027\015\061\064\060\066\060\063\061\065\060\060\060\060\132
\027\015\063\064\060\066\060\063\061\064\065\071\065\071\132\060
\076\061\013\060\011\006\003\125\004\006\023\002\112\120\061\016
\060\014\006\003\125\004\012\023\005\114\107\120\113\111\061\037
\060\035\006\003\125\004\003\023\026\101\160\160\154\151\143\141
\164\151\157\156\040\103\101\040\107\063\040\122\157\157\164\060
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000
\315\105\076\367\321\226\042\134\221\057\076\012\000\003\314\266
\367\154\124\374\050\067\324\004\030\354\255\230\311\257\323\245
\271\347\331\277\116\346\243\231\074\231\156\241\040\036\106\033
\342\165\125\274\322\354\366\210\032\354\064\105\113\203\235\323
```

\262\346\335\007\211\301\010\331\370\073\213\222\144\162\135\232
\073\314\255\067\211\307\334\140\171\010\340\160\254\367\053\355
\237\003\111\037\216\076\203\250\156\342\222\134\124\321\171\337
\354\030\072\175\270\155\217\326\243\045\115\255\037\100\246\137
\324\252\116\261\160\030\131\231\362\013\124\151\076\171\050\104
\210\367\161\227\315\177\005\334\312\334\166\112\220\114\153\140
\350\372\046\061\330\265\370\347\374\155\213\044\152\266\357\102
\327\043\124\305\032\143\212\073\307\374\252\155\074\217\313\154
\332\040\260\362\274\145\034\001\114\042\225\015\034\043\037\254
\325\371\316\165\133\352\060\275\114\001\044\037\165\324\141\111
\303\033\231\145\216\010\134\071\070\315\051\303\070\105\315\144
\171\267\233\115\107\352\130\062\372\246\366\222\360\301\267\137
\002\003\001\000\001\243\143\060\141\060\035\006\003\125\035\016
\004\026\004\024\251\065\052\110\276\054\067\355\206\333\174\125
\207\000\046\276\030\055\134\056\060\016\006\003\125\035\017\001
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001
\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035\043
\004\030\060\026\200\024\251\065\052\110\276\054\067\355\206\333
\174\125\207\000\046\276\030\055\134\056\060\015\006\011\052\206
\110\206\367\015\001\001\013\005\000\003\202\001\001\000\266\202
\275\305\106\320\161\213\245\221\075\176\055\132\371\234\204\175
\007\047\225\035\347\115\310\174\354\346\223\350\126\032\172\060
\110\073\014\372\116\365\011\262\257\210\255\224\354\375\262\255
\057\346\005\164\041\033\204\213\070\052\303\355\357\106\150\265
\335\122\372\160\302\165\117\377\243\101\056\074\027\224\114\011
\042\264\216\301\177\304\246\254\355\203\150\317\145\136\354\172
\275\305\146\356\320\243\177\362\127\261\010\302\171\160\353\162
\177\101\131\011\171\165\361\274\261\041\376\203\263\104\075\211
\243\276\261\172\330\235\303\037\346\304\124\341\215\345\330\120
\334\344\126\067\173\276\050\000\363\054\167\332\043\177\140\230
\075\005\026\362\170\151\255\231\303\072\164\154\076\232\262\224
\355\217\252\366\123\153\347\310\267\350\074\214\373\307\174\117
\031\135\244\146\025\351\177\207\240\320\325\255\040\244\106\011
\105\254\345\310\145\207\273\006\337\374\327\150\126\103\163\242
\000\231\062\222\302\016\240\034\016\221\275\225\130\274\223\237
\204\302\245\146\347\145\315\051\342\142\362\005\222\140

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Application CA G3 Root"
Issuer: CN=Application CA G3 Root,O=LGPKI,C=JP
Serial Number: 49 (0x31)
Subject: CN=Application CA G3 Root,O=LGPKI,C=JP
Not Valid Before: Tue Jun 03 15:00:00 2014
Not Valid After: Sat Jun 03 14:59:59 2034

```
# Fingerprint (MD5): 47:5e:d1:73:5a:e8:95:77:04:01:a3:3f:33:02:5c:20
# Fingerprint (SHA1): 6f:38:84:56:8e:99:c8:c6:ac:0e:5d:de:2d:b2:02:dd:00:2e:36:63
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Application CA G3 Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\157\070\204\126\216\231\310\306\254\016\135\336\055\262\002\335
\000\056\066\143
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\107\136\321\163\132\350\225\167\004\001\243\077\063\002\134\040
END
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\016\060\014\006\003\125\004\012\023\005\114\107\120\113\111\061
\037\060\035\006\003\125\004\003\023\026\101\160\160\154\151\143
\141\164\151\157\156\040\103\101\040\107\063\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\061
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "GLOBALTRUST 2015"
# Issuer: CN=GLOBALTRUST 2015,OU=GLOBALTRUST Certification Service,O=e-commerce monitoring
GmbH,L=Wien,ST=Wien,C=AT
# Serial Number: 0 (0x0)
# Subject: CN=GLOBALTRUST 2015,OU=GLOBALTRUST Certification Service,O=e-commerce monitoring
GmbH,L=Wien,ST=Wien,C=AT
# Not Valid Before: Thu Jun 11 00:00:00 2015
# Not Valid After: Sun Jun 10 00:00:00 2040
# Fingerprint (MD5): da:5a:b9:da:8e:0a:38:d4:82:63:03:9d:6c:96:6c:ed
# Fingerprint (SHA1): 46:5b:26:be:be:71:06:dd:85:44:c1:13:9d:9f:a2:57:00:c1:d7:bd
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GLOBALTRUST 2015"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\227\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\015\060\013\006\003\125\004\010\023\004\127\151\145\156\061
```

\015\060\013\006\003\125\004\007\023\004\127\151\145\156\061\043
\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155\145
\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040\107
\155\142\110\061\052\060\050\006\003\125\004\013\023\041\107\114
\117\102\101\114\124\122\125\123\124\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\123\145\162\166\151\143\145\061
\031\060\027\006\003\125\004\003\023\020\107\114\117\102\101\114
\124\122\125\123\124\040\062\060\061\065

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\227\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\015\060\013\006\003\125\004\010\023\004\127\151\145\156\061
\015\060\013\006\003\125\004\007\023\004\127\151\145\156\061\043
\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155\145
\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040\107
\155\142\110\061\052\060\050\006\003\125\004\013\023\041\107\114
\117\102\101\114\124\122\125\123\124\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\123\145\162\166\151\143\145\061
\031\060\027\006\003\125\004\003\023\020\107\114\117\102\101\114
\124\122\125\123\124\040\062\060\061\065

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\001\000

END

CKA_VALUE MULTILINE_OCTAL

\060\202\006\014\060\202\003\364\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\227\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\015\060\013\006\003\125\004\010\023\004\127\151\145\156\061\015
\060\013\006\003\125\004\007\023\004\127\151\145\156\061\043\060
\041\006\003\125\004\012\023\032\145\055\143\157\155\155\145\162
\143\145\040\155\157\156\151\164\157\162\151\156\147\040\107\155
\142\110\061\052\060\050\006\003\125\004\013\023\041\107\114\117
\102\101\114\124\122\125\123\124\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\123\145\162\166\151\143\145\061\031
\060\027\006\003\125\004\003\023\020\107\114\117\102\101\114\124
\122\125\123\124\040\062\060\061\065\060\036\027\015\061\065\060
\066\061\061\060\060\060\060\060\060\060\132\027\015\064\060\060\066
\061\060\060\060\060\060\060\060\132\060\201\227\061\013\060\011
\006\003\125\004\006\023\002\101\124\061\015\060\013\006\003\125
\004\010\023\004\127\151\145\156\061\015\060\013\006\003\125\004
\007\023\004\127\151\145\156\061\043\060\041\006\003\125\004\012
\023\032\145\055\143\157\155\155\145\162\143\145\040\155\157\156
\151\164\157\162\151\156\147\040\107\155\142\110\061\052\060\050
\006\003\125\004\013\023\041\107\114\117\102\101\114\124\122\125
\123\124\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\123\145\162\166\151\143\145\061\031\060\027\006\003\125\004

\003\023\020\107\114\117\102\101\114\124\122\125\123\124\040\062
\060\061\065\060\202\002\040\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\002\015\000\060\202\002\010\002
\202\002\001\000\324\246\227\250\362\364\220\021\103\255\264\202
\106\101\361\057\221\157\143\242\315\015\040\334\275\014\070\212
\145\112\012\053\072\250\164\251\167\241\213\216\362\057\201\367
\204\030\315\255\353\142\266\222\175\340\101\345\116\124\070\067
\202\357\313\340\355\317\273\312\314\243\113\367\133\376\270\174
\247\010\155\313\103\304\114\042\024\146\343\235\003\271\167\041
\253\104\153\041\107\043\310\040\372\052\313\221\166\035\165\154
\370\233\351\017\046\351\103\057\232\040\005\150\030\307\216\231
\205\055\101\007\246\144\216\130\341\215\225\200\244\115\137\365
\002\330\201\171\333\325\347\337\242\042\375\024\247\147\026\354
\331\130\114\312\251\335\352\032\216\251\010\144\117\121\041\266
\162\242\116\377\120\161\275\073\145\344\275\177\123\021\256\337
\020\071\173\135\366\107\160\027\367\103\221\003\172\141\045\137
\054\374\370\211\021\074\354\071\124\026\111\304\041\232\161\340
\171\213\166\035\166\075\007\131\270\007\261\214\334\307\315\116
\341\373\255\103\115\077\100\357\041\142\057\061\104\116\151\307
\157\042\313\253\124\113\350\302\372\021\150\254\310\156\016\336
\154\305\047\226\011\121\002\115\001\266\127\277\062\050\325\011
\103\226\367\304\210\265\371\124\376\032\072\152\267\054\265\044
\144\373\112\170\162\303\374\331\117\310\116\043\271\051\330\015
\241\110\101\223\002\155\277\022\205\233\306\305\140\055\360\221
\374\231\375\040\224\236\161\143\253\325\111\253\220\354\207\071
\205\177\215\205\314\013\350\333\113\073\016\374\302\166\175\106
\347\071\046\236\337\125\337\036\204\371\101\066\046\154\002\131
\053\216\373\274\351\037\047\044\142\004\147\204\341\077\330\235
\030\116\226\240\045\356\312\050\003\117\002\121\317\367\065\067
\151\244\264\326\326\325\036\031\103\047\026\037\107\121\356\112
\011\114\021\132\266\133\075\141\350\073\020\276\326\106\346\364
\034\375\270\105\275\174\372\165\132\354\341\122\043\015\216\037
\206\227\123\221\134\233\233\050\326\216\345\156\047\255\040\214
\247\301\101\251\227\067\213\054\352\156\030\005\227\366\316\003
\122\361\275\171\064\233\100\307\043\222\164\363\157\355\243\351
\131\360\125\113\002\001\003\243\143\060\141\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003
\125\035\016\004\026\004\024\313\260\335\075\214\074\337\142\054
\053\146\074\236\074\351\025\155\161\264\327\060\037\006\003\125
\035\043\004\030\060\026\200\024\313\260\335\075\214\074\337\142
\054\053\146\074\236\074\351\025\155\161\264\327\060\015\006\011
\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000
\242\175\125\004\146\356\026\024\274\202\201\207\045\031\071\142
\364\376\073\037\341\300\163\000\161\312\165\251\342\163\361\305
\015\101\243\135\216\301\055\331\145\133\331\211\342\360\216\305
\240\175\275\313\314\106\123\037\137\355\040\266\002\052\326\023
\362\235\175\121\112\100\125\161\255\236\354\166\352\105\040\216

\252\372\172\103\232\160\147\176\023\336\230\350\313\215\335\037
\254\064\322\241\265\355\376\270\347\026\317\370\321\070\060\215
\064\211\322\316\175\201\322\036\377\121\030\123\066\223\334\011
\313\010\026\270\010\327\132\060\220\212\012\371\057\265\317\304
\315\124\162\052\306\275\001\347\130\013\156\006\100\264\011\316
\264\216\263\232\351\211\221\224\254\172\124\341\373\343\204\054
\203\240\117\376\353\350\301\364\353\266\046\323\070\304\055\255
\254\105\200\064\155\041\075\135\205\072\342\173\376\124\267\335
\350\205\124\313\244\361\253\051\120\170\327\044\265\243\057\236
\257\021\146\256\030\270\375\135\050\317\100\327\125\340\054\353
\122\061\150\103\146\005\227\222\273\305\361\041\054\375\022\144
\061\231\103\157\213\235\113\140\376\024\136\122\263\043\250\341
\230\172\356\024\311\241\342\314\077\166\041\142\375\153\015\331
\264\112\225\346\156\133\172\044\303\323\306\326\037\242\353\067
\153\116\243\337\142\353\353\016\112\010\277\353\030\210\373\107
\032\255\302\121\303\325\174\367\037\053\263\310\112\120\016\151
\130\040\142\001\112\133\312\143\226\046\042\256\366\351\234\100
\254\147\003\235\235\151\025\302\300\370\135\247\044\261\047\074
\277\005\342\253\242\312\311\260\055\176\243\301\061\040\106\041
\145\222\335\312\336\337\223\033\274\155\057\137\251\026\244\127
\207\054\162\232\132\202\147\321\104\342\075\011\012\201\214\036
\020\375\306\064\150\354\377\167\141\166\177\046\367\333\374\022
\106\022\252\300\321\370\171\205\242\002\314\213\252\244\255\154
\024\300\275\374\150\256\104\175\042\371\012\105\135\354\004\346
\372\343\244\305\346\371\262\031\303\331\214\250\223\173\072\212
\151\073\122\023\074\035\063\002\116\226\100\237\271\225\375\223
\027\063\301\311\013\366\375\275\151\020\365\255\051\373\343\332
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "GLOBALTRUST 2015"
Issuer: CN=GLOBALTRUST 2015,OU=GLOBALTRUST Certification Service,O=e-commerce monitoring
GmbH,L=Wien,ST=Wien,C=AT
Serial Number: 0 (0x0)
Subject: CN=GLOBALTRUST 2015,OU=GLOBALTRUST Certification Service,O=e-commerce monitoring
GmbH,L=Wien,ST=Wien,C=AT
Not Valid Before: Thu Jun 11 00:00:00 2015
Not Valid After: Sun Jun 10 00:00:00 2040
Fingerprint (MD5): da:5a:b9:da:8e:0a:38:d4:82:63:03:9d:6c:96:6c:ed
Fingerprint (SHA1): 46:5b:26:be:be:71:06:dd:85:44:c1:13:9d:9f:a2:57:00:c1:d7:bd
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GLOBALTRUST 2015"

```

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\106\133\046\276\276\161\006\335\205\104\301\023\235\237\242\127
\000\301\327\275
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\332\132\271\332\216\012\070\324\202\143\003\235\154\226\154\355
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\227\061\013\060\011\006\003\125\004\006\023\002\101\124
\061\015\060\013\006\003\125\004\010\023\004\127\151\145\156\061
\015\060\013\006\003\125\004\007\023\004\127\151\145\156\061\043
\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155\145
\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040\107
\155\142\110\061\052\060\050\006\003\125\004\013\023\041\107\114
\117\102\101\114\124\122\125\123\124\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\123\145\162\166\151\143\145\061
\031\060\027\006\003\125\004\003\023\020\107\114\117\102\101\114
\124\122\125\123\124\040\062\060\061\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "Microsoft ECC Product Root Certificate Authority 2018"
# Issuer: CN=Microsoft ECC Product Root Certificate Authority 2018,O=Microsoft
Corporation,L=Redmond,ST=Washington,C=US
# Serial Number: 14:98:26:66:dc:7c:cd:8f:40:53:67:7b:b9:99:ec:85
# Subject: CN=Microsoft ECC Product Root Certificate Authority 2018,O=Microsoft
Corporation,L=Redmond,ST=Washington,C=US
# Not Valid Before: Tue Feb 27 20:42:08 2018
# Not Valid After: Fri Feb 27 20:50:46 2043
# Fingerprint (MD5): 1f:12:4e:de:13:e0:6a:02:3c:d7:c0:9a:4f:48:c3:d6
# Fingerprint (SHA1): 06:f1:aa:33:0b:92:7b:75:3a:40:e6:8c:df:22:e3:4b:cb:ef:33:52
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft ECC Product Root Certificate Authority 2018"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007

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\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\076\060\074\006\003\125\004\003
\023\065\115\151\143\162\157\163\157\146\164\040\105\103\103\040
\120\162\157\144\165\143\164\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\070

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\076\060\074\006\003\125\004\003
\023\065\115\151\143\162\157\163\157\146\164\040\105\103\103\040
\120\162\157\144\165\143\164\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\070

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\024\230\046\146\334\174\315\217\100\123\147\173\271\231
\354\205

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\043\060\202\002\250\240\003\002\001\002\002\020\024
\230\046\146\334\174\315\217\100\123\147\173\271\231\354\205\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\224\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\023\060\021\006
\003\125\004\010\023\012\127\141\163\150\151\156\147\164\157\156
\061\020\060\016\006\003\125\004\007\023\007\122\145\144\155\157
\156\144\061\036\060\034\006\003\125\004\012\023\025\115\151\143
\162\157\163\157\146\164\040\103\157\162\160\157\162\141\164\151
\157\156\061\076\060\074\006\003\125\004\003\023\065\115\151\143
\162\157\163\157\146\164\040\105\103\103\040\120\162\157\144\165
\143\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060
\061\070\060\036\027\015\061\070\060\062\062\067\062\060\065\060\064
\060\070\132\027\015\064\063\060\062\062\067\062\060\065\060\064
\066\132\060\201\224\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\023\060\021\006\003\125\004\010\023\012\127\141\163
\150\151\156\147\164\157\156\061\020\060\016\006\003\125\004\007
\023\007\122\145\144\155\157\156\144\061\036\060\034\006\003\125
\004\012\023\025\115\151\143\162\157\163\157\146\164\040\103\157
\162\160\157\162\141\164\151\157\156\061\076\060\074\006\003\125
\004\003\023\065\115\151\143\162\157\163\157\146\164\040\105\103
\103\040\120\162\157\144\165\143\164\040\122\157\157\164\040\103

\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171\040\062\060\061\070\060\166\060\020\006\007\052
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\307\021\026\052\166\035\126\216\276\271\142\145\324\303\316
\264\360\303\060\354\217\155\327\156\071\274\310\111\253\253\270
\343\103\170\325\201\006\135\357\307\175\237\316\326\263\220\165
\336\014\260\220\336\043\272\310\321\076\147\340\031\251\033\206
\061\036\137\064\055\356\027\375\025\373\176\047\212\062\241\352
\311\217\311\176\030\313\057\073\054\110\172\175\246\364\001\007
\254\243\201\274\060\201\271\060\016\006\003\125\035\017\001\001
\377\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004
\026\004\024\103\357\160\207\270\235\277\354\210\031\334\306\304
\153\165\015\165\064\063\010\060\020\006\011\053\006\001\004\001
\202\067\025\001\004\003\002\001\000\060\145\006\003\125\035\040
\004\136\060\134\060\006\006\004\125\035\040\000\060\122\006\014
\053\006\001\004\001\202\067\114\203\175\001\001\060\102\060\100
\006\010\053\006\001\005\005\007\002\001\026\064\150\164\164\160
\072\057\057\167\167\167\056\155\151\143\162\157\163\157\146\164
\056\143\157\155\057\160\153\151\157\160\163\057\104\157\143\163
\057\122\145\160\157\163\151\164\157\162\171\056\150\164\155\000
\060\012\006\010\052\206\110\316\075\004\003\003\003\151\000\060
\146\002\061\000\241\300\111\104\135\062\125\047\314\076\220\156
\045\042\235\044\133\233\121\065\307\221\111\111\052\243\371\157
\117\034\315\335\234\341\265\127\311\236\302\042\105\233\006\025
\160\034\105\277\002\061\000\305\323\050\353\162\307\076\260\254
\047\011\177\142\075\140\171\345\222\361\105\052\271\245\002\344
\140\273\376\172\053\234\140\247\265\231\024\362\260\276\360\273
\005\226\126\126\217\301\150

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Microsoft ECC Product Root Certificate Authority 2018"
Issuer: CN=Microsoft ECC Product Root Certificate Authority 2018,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
Serial Number:14:98:26:66:dc:7c:cd:8f:40:53:67:7b:b9:99:ec:85
Subject: CN=Microsoft ECC Product Root Certificate Authority 2018,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
Not Valid Before: Tue Feb 27 20:42:08 2018
Not Valid After: Fri Feb 27 20:50:46 2043
Fingerprint (MD5): 1f:12:4e:de:13:e0:6a:02:3c:d7:c0:9a:4f:48:c3:d6
Fingerprint (SHA1): 06:f1:aa:33:0b:92:7b:75:3a:40:e6:8c:df:22:e3:4b:cb:ef:33:52
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft ECC Product Root Certificate Authority 2018"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\006\361\252\063\013\222\173\165\072\100\346\214\337\042\343\113
\313\357\063\122
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\037\022\116\336\023\340\152\002\074\327\300\232\117\110\303\326
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\076\060\074\006\003\125\004\003
\023\065\115\151\143\162\157\163\157\146\164\040\105\103\103\040
\120\162\157\144\165\143\164\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\024\230\046\146\334\174\315\217\100\123\147\173\271\231
\354\205
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "emSign Root CA - G2"
# Issuer: CN=emSign Root CA - G2,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:86:4d:bf:0f:e3:5e:d7:7d:8e:d8
# Subject: CN=emSign Root CA - G2,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After: Wed Feb 18 18:30:00 2043
# Fingerprint (MD5): 63:ac:61:e5:f7:da:aa:05:80:53:bd:e4:ab:fd:bb:30
# Fingerprint (SHA1): 1e:65:77:b9:cf:70:d0:17:ca:e1:bd:a1:35:1d:47:25:a9:73:c0:6d
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156

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\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\062

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\013\000\206\115\277\017\343\136\327\175\216\330

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\225\060\202\003\175\240\003\002\001\002\002\013\000
\206\115\277\017\343\136\327\175\216\330\060\015\006\011\052\206
\110\206\367\015\001\001\014\005\000\060\147\061\013\060\011\006
\003\125\004\006\023\002\111\116\061\023\060\021\006\003\125\004
\013\023\012\145\155\123\151\147\156\040\120\113\111\061\045\060
\043\006\003\125\004\012\023\034\145\115\165\144\150\162\141\040
\124\145\143\150\156\157\154\157\147\151\145\163\040\114\151\155
\151\164\145\144\061\034\060\032\006\003\125\004\003\023\023\145
\155\123\151\147\156\040\122\157\157\164\040\103\101\040\055\040
\107\062\060\036\027\015\061\070\060\062\061\070\061\070\063\060
\060\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060
\060\132\060\147\061\013\060\011\006\003\125\004\006\023\002\111
\116\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151
\147\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023
\034\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154
\157\147\151\145\163\040\114\151\155\151\164\145\144\061\034\060
\032\006\003\125\004\003\023\023\145\155\123\151\147\156\040\122
\157\157\164\040\103\101\040\055\040\107\062\060\202\002\042\060
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202
\002\017\000\060\202\002\012\002\202\002\001\000\303\160\030\205
\226\332\101\337\034\257\254\135\063\160\304\135\073\053\342\025
\311\044\356\310\123\066\257\133\364\323\154\024\175\307\123\373
\073\071\070\316\120\154\306\005\026\167\235\135\002\072\200\041
\113\262\062\253\161\247\243\343\306\155\337\263\262\021\275\342
\150\373\073\012\303\370\220\014\223\303\062\207\365\246\136\352
\005\330\036\262\152\343\117\331\124\303\134\101\122\066\075\302
\051\343\100\177\110\003\166\201\106\176\145\245\055\040\353\325
\214\114\166\353\367\233\065\245\321\042\313\141\226\103\206\375

\306\201\371\004\160\017\015\155\227\275\367\361\231\157\320\315
\250\114\025\062\340\035\336\355\321\217\346\230\027\037\275\114
\216\241\317\012\203\150\373\033\375\177\103\123\005\077\241\120
\066\274\207\314\024\265\301\220\253\320\203\170\224\351\215\147
\003\331\263\366\000\307\125\033\252\025\244\300\024\171\114\350
\160\054\240\226\373\105\165\103\043\202\014\101\157\016\052\205
\253\265\035\163\306\360\353\175\207\002\373\144\310\274\266\104
\363\256\365\010\307\026\374\033\322\305\377\271\012\170\041\073
\264\146\132\127\060\323\235\173\242\176\135\346\261\036\004\254
\173\020\340\376\345\126\355\200\042\062\000\206\260\027\241\347
\103\211\326\373\244\307\037\355\060\001\166\266\024\117\122\150
\033\360\042\053\342\175\214\356\206\116\067\200\014\076\013\060
\064\201\146\021\314\270\022\277\074\237\340\322\101\201\267\357
\302\324\277\277\035\104\163\102\022\144\062\124\147\063\244\157
\136\200\255\174\252\051\112\131\354\346\332\331\231\070\275\357
\125\243\156\177\074\101\163\372\326\121\251\004\045\017\300\050
\354\356\272\116\142\364\224\046\322\076\225\306\305\373\176\352
\220\212\216\135\211\025\117\167\056\244\064\251\303\341\374\366
\101\155\217\221\212\143\345\347\313\202\361\143\355\310\274\062
\021\213\047\172\223\055\103\076\076\365\334\062\064\312\253\336
\022\233\010\257\160\064\075\334\056\311\102\073\011\055\143\203
\103\147\030\124\372\137\034\253\323\020\176\124\073\174\334\122
\130\133\313\365\352\115\251\155\244\070\221\134\100\335\245\335
\137\327\131\143\045\121\325\056\175\050\316\371\002\003\001\000
\001\243\102\060\100\060\035\006\003\125\035\016\004\026\004\024
\355\354\115\105\141\030\050\347\263\043\050\021\034\115\245\047
\015\136\354\364\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\015\006\011\052\206\110\206\367\015\001
\001\014\005\000\003\202\002\001\000\010\120\277\212\124\040\360
\244\302\124\034\105\045\157\354\153\072\046\221\055\044\065\206
\304\041\230\070\007\172\033\253\013\011\355\045\375\363\077\031
\201\374\301\247\075\047\140\051\160\300\230\326\154\123\165\107
\154\330\362\220\204\242\336\277\166\011\200\361\126\352\320\154
\141\300\363\071\140\337\322\146\253\215\311\022\061\073\167\024
\166\120\034\301\377\257\111\354\335\124\047\375\300\354\357\110
\001\167\253\106\271\226\073\333\165\263\111\066\227\322\161\005
\151\355\105\035\346\300\154\146\117\043\134\355\112\103\370\050
\375\127\377\030\063\347\254\201\146\306\220\010\030\115\354\202
\163\274\224\013\375\027\065\032\001\353\257\354\165\236\343\274
\115\364\236\376\155\014\305\367\174\207\270\205\300\010\364\313
\245\001\341\203\154\314\277\220\273\004\006\356\014\167\333\217
\120\256\333\336\031\363\175\262\205\047\301\163\070\226\032\311
\016\276\135\336\263\141\034\037\053\133\113\327\075\077\355\063
\062\231\032\357\061\202\324\121\353\274\266\377\026\207\156\037
\316\223\171\233\164\102\066\172\245\312\145\067\072\032\304\071
\303\277\064\311\350\040\266\022\174\276\250\177\300\074\120\256
\125\113\371\377\010\360\027\341\317\233\303\356\247\140\021\217

```
\327\004\247\335\276\322\247\036\255\361\332\160\332\271\204\307
\206\145\326\300\375\334\335\121\037\371\317\234\327\167\020\044
\236\137\046\161\361\233\321\343\015\111\065\320\232\140\177\213
\200\036\160\331\353\357\153\230\217\071\132\135\101\230\067\263
\153\157\245\350\270\155\051\236\035\077\004\033\126\132\235\024
\112\022\017\245\141\000\252\316\321\044\030\372\373\126\124\141
\166\170\071\272\302\303\336\266\017\030\115\332\235\175\037\034
\075\056\333\224\121\302\352\251\063\353\025\166\057\300\356\055
\242\350\373\050\231\300\221\244\324\175\161\235\021\241\125\264
\130\240\324\100\067\321\154\311\143\145\365\274\004\073\205\131
\347\210\050\340\151\160\006\252\073\024\352\311\045\064\317\147
\304\074\171\254\120\202\010\113\143\364\250\174\120\170\306\053
\144\052\200\376\144\302\013\155\214\340\051\100\306\202\241\354
\314\174\256\012\017\265\251\071\165
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "emSign Root CA - G2"
# Issuer: CN=emSign Root CA - G2,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:86:4d:bf:0f:e3:5e:d7:7d:8e:d8
# Subject: CN=emSign Root CA - G2,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After: Wed Feb 18 18:30:00 2043
# Fingerprint (MD5): 63:ac:61:e5:f7:da:aa:05:80:53:bd:e4:ab:fd:bb:30
# Fingerprint (SHA1): 1e:65:77:b9:cf:70:d0:17:ca:e1:bd:a1:35:1d:47:25:a9:73:c0:6d
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\036\145\167\271\317\160\320\027\312\341\275\241\065\035\107\045
\251\163\300\155
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\143\254\141\345\367\332\252\005\200\123\275\344\253\375\273\060
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\062
```



```
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\000\206\115\277\017\343\136\327\175\216\330
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "emSign Root CA - C2"
# Issuer: CN=emSign Root CA - C2,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:2f:0a:b7:6b:0d:cb:4a:af:27:58
# Subject: CN=emSign Root CA - C2,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After: Wed Feb 18 18:30:00 2043
# Fingerprint (MD5): eb:24:3b:fa:70:63:c8:e1:cd:5f:0e:ea:c8:97:2f:21
# Fingerprint (SHA1): bc:a2:18:80:74:c3:14:7e:16:f4:c4:8c:59:10:a8:9e:f7:52:f4:79
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

```
CKA_SUBJECT MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\062
END
```

```
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\062
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\057\012\267\153\015\313\112\257\047\130
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\162\060\202\003\132\240\003\002\001\002\002\012\057
\012\267\153\015\313\112\257\047\130\060\015\006\011\052\206\110
\206\367\015\001\001\014\005\000\060\126\061\013\060\011\006\003
```

\125\004\006\023\002\125\123\061\023\060\021\006\003\125\004\013
\023\012\145\155\123\151\147\156\040\120\113\111\061\024\060\022
\006\003\125\004\012\023\013\145\115\165\144\150\162\141\040\111
\156\143\061\034\060\032\006\003\125\004\003\023\023\145\155\123
\151\147\156\040\122\157\157\164\040\103\101\040\055\040\103\062
\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060\060
\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060\132
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\062\060\202\002\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000
\060\202\002\012\002\202\002\001\000\214\175\175\145\003\344\333
\232\037\130\042\171\221\200\345\275\354\205\161\340\265\011\177
\140\321\145\373\074\337\262\153\232\137\251\313\256\032\126\166
\040\130\356\055\350\056\374\176\010\337\113\270\327\371\316\023
\212\162\063\022\253\226\160\217\263\213\107\335\341\047\074\064
\067\373\044\343\151\333\265\126\137\112\260\121\212\263\054\064
\102\267\353\073\316\222\334\177\035\144\313\114\325\040\230\372
\057\116\256\077\042\267\220\212\375\371\200\054\255\130\376\337
\333\255\233\247\266\060\024\054\104\333\055\110\215\337\011\006
\000\032\372\020\115\017\037\120\266\256\116\243\126\151\200\044
\065\201\136\350\165\007\035\003\351\332\355\124\153\115\050\164
\305\342\017\232\021\027\022\334\016\161\200\160\115\110\377\321
\075\230\260\235\222\010\027\212\066\024\232\047\050\357\345\360
\145\341\150\076\033\332\351\342\011\346\235\067\056\335\303\273
\225\267\021\301\321\321\302\146\231\215\151\311\340\067\350\226
\227\051\144\115\063\322\021\215\203\025\064\047\051\342\070\101
\332\322\030\211\237\213\126\117\033\301\017\177\325\315\267\267
\031\257\336\357\173\265\246\145\127\155\215\027\213\155\113\132
\252\334\237\214\072\235\050\031\102\301\316\222\237\107\035\052
\031\132\233\076\351\020\064\140\043\070\262\015\360\240\315\100
\334\333\107\130\200\227\147\174\037\343\022\242\047\001\243\200
\042\167\304\343\055\147\015\277\217\050\011\142\371\335\232\305
\004\304\303\215\242\000\351\372\306\326\336\010\245\271\307\151
\320\073\250\042\111\173\152\251\044\336\247\331\344\012\001\111
\372\122\044\003\034\373\022\250\320\145\161\110\120\341\217\364
\143\111\224\346\270\041\233\143\201\366\265\320\113\121\133\324
\224\102\174\223\015\234\222\046\344\005\001\333\355\221\133\072
\271\116\014\373\111\264\241\243\303\154\146\115\024\155\011\305
\305\310\252\103\333\250\125\060\054\053\136\022\223\332\006\361
\015\363\176\303\064\361\307\117\241\026\364\132\122\031\222\124
\172\230\240\373\057\311\307\377\067\306\273\303\310\046\377\170
\030\140\175\105\237\124\340\016\275\257\167\217\233\057\014\276
\274\337\067\021\312\264\176\254\277\002\003\001\000\001\243\102
\060\100\060\035\006\003\125\035\016\004\026\004\024\263\367\212

\244\326\017\210\000\131\350\121\027\117\325\176\354\206\042\201
\235\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\015\006\011\052\206\110\206\367\015\001\001\014\005
\000\003\202\002\001\000\064\045\246\045\214\321\313\366\235\235
\007\346\065\154\006\255\061\332\256\266\103\102\360\250\004\354
\010\133\362\271\276\340\304\320\262\265\033\250\003\313\055\230
\363\204\273\371\140\360\210\061\217\201\110\216\214\241\042\265
\224\127\034\242\055\116\315\243\203\376\132\061\024\073\005\023
\304\212\144\020\353\157\031\104\075\176\043\245\160\141\355\041
\220\315\006\126\152\355\152\144\265\160\061\171\136\171\104\363
\354\242\275\272\247\141\115\000\304\105\175\224\041\322\302\327
\204\250\044\362\053\245\111\050\040\253\037\036\316\003\362\173
\255\305\152\046\004\213\207\077\167\064\143\334\163\202\236\306
\142\301\226\124\323\147\137\345\212\115\026\074\122\301\233\304
\343\127\043\032\233\053\245\143\037\100\122\066\263\235\321\155
\345\351\343\271\122\003\026\004\340\334\343\004\123\036\370\114
\005\270\113\336\004\042\101\020\001\371\256\366\056\336\230\266
\242\273\011\343\156\023\251\141\020\127\133\102\260\051\020\317
\346\052\374\351\032\227\274\207\002\102\203\170\345\334\077\272
\015\340\017\223\165\167\066\245\332\261\271\120\247\004\355\021
\231\154\366\046\221\222\111\342\143\211\071\077\070\374\021\260
\363\126\267\001\277\051\162\364\342\215\255\153\170\342\076\222
\156\040\045\155\130\060\034\365\035\332\270\021\040\046\136\153
\112\024\146\005\333\063\033\102\346\316\301\356\144\360\205\111
\200\265\345\020\103\010\340\154\153\306\303\104\237\051\004\125
\066\132\057\302\125\160\200\010\113\232\276\012\057\170\016\005
\153\226\355\337\312\064\075\154\154\004\377\214\246\207\002\165
\133\103\062\254\320\207\034\275\042\210\112\271\165\200\032\267
\254\240\213\312\016\015\361\026\116\253\004\352\343\175\134\011
\172\134\042\377\020\042\262\210\307\074\225\120\277\325\265\315
\122\050\036\237\204\102\017\370\061\000\266\324\326\310\137\144
\150\212\200\176\127\170\112\343\177\133\377\016\335\171\117\061
\330\317\034\227\123\206\322\163\337\156\160\021\227\221\217\063
\273\311\202\056\073\322\073\150\341\047\214\203\241\314\001\155
\304\201\276\172\265\007\015\057\002\075\123\311\231\234\333\321
\201\103\053\220\010\013

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "emSign Root CA - C2"

Issuer: CN=emSign Root CA - C2,O=eMudhra Inc,OU=emSign PKI,C=US

Serial Number:2f:0a:b7:6b:0d:cb:4a:af:27:58

Subject: CN=emSign Root CA - C2,O=eMudhra Inc,OU=emSign PKI,C=US

Not Valid Before: Sun Feb 18 18:30:00 2018

```
# Not Valid After: Wed Feb 18 18:30:00 2043
# Fingerprint (MD5): eb:24:3b:fa:70:63:c8:e1:cd:5f:0e:ea:c8:97:2f:21
# Fingerprint (SHA1): bc:a2:18:80:74:c3:14:7e:16:f4:c4:8c:59:10:a8:9e:f7:52:f4:79
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\274\242\030\200\164\303\024\176\026\364\304\214\131\020\250\236
\367\122\364\171
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\353\044\073\372\160\143\310\341\315\137\016\352\310\227\057\041
END
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\057\012\267\153\015\313\112\257\047\130
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Microsoft ECC TS Root Certificate Authority 2018"
# Issuer: CN=Microsoft ECC TS Root Certificate Authority 2018,O=Microsoft
Corporation,L=Redmond,ST=Washington,C=US
# Serial Number: 15:38:75:e1:64:7e:d1:b0:47:b4:ef:af:41:12:82:45
# Subject: CN=Microsoft ECC TS Root Certificate Authority 2018,O=Microsoft
Corporation,L=Redmond,ST=Washington,C=US
# Not Valid Before: Tue Feb 27 20:51:34 2018
# Not Valid After: Fri Feb 27 21:00:12 2043
# Fingerprint (MD5): 37:94:29:58:86:2a:06:e6:bb:cf:d7:ab:59:c7:f2:3c
# Fingerprint (SHA1): 31:f9:fc:8b:a3:80:59:86:b7:21:ea:72:95:c6:5b:3a:44:53:42:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft ECC TS Root Certificate Authority 2018"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

CKA_SUBJECT MULTILINE_OCTAL

\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\071\060\067\006\003\125\004\003
\023\060\115\151\143\162\157\163\157\146\164\040\105\103\103\040
\124\123\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060
\061\070

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\071\060\067\006\003\125\004\003
\023\060\115\151\143\162\157\163\157\146\164\040\105\103\103\040
\124\123\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060
\061\070

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\025\070\165\341\144\176\321\260\107\264\357\257\101\022
\202\105

END

CKA_VALUE MULTILINE_OCTAL

\060\202\003\027\060\202\002\236\240\003\002\001\002\002\020\025
\070\165\341\144\176\321\260\107\264\357\257\101\022\202\105\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\217\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\023\060\021\006
\003\125\004\010\023\012\127\141\163\150\151\156\147\164\157\156
\061\020\060\016\006\003\125\004\007\023\007\122\145\144\155\157
\156\144\061\036\060\034\006\003\125\004\012\023\025\115\151\143
\162\157\163\157\146\164\040\103\157\162\160\157\162\141\164\151
\157\156\061\071\060\067\006\003\125\004\003\023\060\115\151\143
\162\157\163\157\146\164\040\105\103\103\040\124\123\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\145\040\101
\165\164\150\157\162\151\164\171\040\062\060\061\070\060\036\027
\015\061\070\060\062\062\067\062\060\065\061\063\064\132\027\015
\064\063\060\062\062\067\062\061\060\060\061\062\132\060\201\217
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\023\060
\021\006\003\125\004\010\023\012\127\141\163\150\151\156\147\164
\157\156\061\020\060\016\006\003\125\004\007\023\007\122\145\144
\155\157\156\144\061\036\060\034\006\003\125\004\012\023\025\115

\151\143\162\157\163\157\146\164\040\103\157\162\160\157\162\141
\164\151\157\156\061\071\060\067\006\003\125\004\003\023\060\115
\151\143\162\157\163\157\146\164\040\105\103\103\040\124\123\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\145
\040\101\165\164\150\157\162\151\164\171\040\062\060\061\070\060
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201
\004\000\042\003\142\000\004\336\315\273\160\040\361\045\040\264
\224\350\327\264\073\017\156\207\335\253\254\317\115\100\057\201
\063\153\131\011\030\326\207\015\046\043\234\264\215\225\235\166
\237\245\271\006\102\346\255\066\262\304\263\256\172\074\010\325
\313\235\072\136\105\041\154\013\343\040\365\233\302\335\104\063
\343\102\271\352\362\050\102\222\252\376\014\007\312\212\023\231
\073\142\000\355\332\363\065\243\201\274\060\201\271\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035
\006\003\125\035\016\004\026\004\024\350\107\310\102\232\260\235
\256\157\013\050\073\230\025\217\343\261\350\200\262\060\020\006
\011\053\006\001\004\001\202\067\025\001\004\003\002\001\000\060
\145\006\003\125\035\040\004\136\060\134\060\006\006\004\125\035
\040\000\060\122\006\014\053\006\001\004\001\202\067\114\203\175
\001\001\060\102\060\100\006\010\053\006\001\005\005\007\002\001
\026\064\150\164\164\160\072\057\057\167\167\167\056\155\151\143
\162\157\163\157\146\164\056\143\157\155\057\160\153\151\157\160
\163\057\104\157\143\163\057\122\145\160\157\163\151\164\157\162
\171\056\150\164\155\000\060\012\006\010\052\206\110\316\075\004
\003\003\003\147\000\060\144\002\060\024\206\120\300\046\032\353
\352\241\024\167\072\133\337\143\071\245\063\307\120\100\325\153
\065\153\017\264\337\175\126\271\341\245\235\170\031\202\241\103
\156\032\327\130\243\125\003\102\333\002\060\030\224\264\036\072
\215\144\372\014\047\033\207\023\112\322\267\072\000\224\306\362
\345\143\277\257\343\372\334\223\325\347\106\232\153\201\151\076
\002\337\121\015\217\050\161\101\211\221\057

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "Microsoft ECC TS Root Certificate Authority 2018"
Issuer: CN=Microsoft ECC TS Root Certificate Authority 2018,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
Serial Number: 15:38:75:e1:64:7e:d1:b0:47:b4:ef:af:41:12:82:45
Subject: CN=Microsoft ECC TS Root Certificate Authority 2018,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
Not Valid Before: Tue Feb 27 20:51:34 2018
Not Valid After: Fri Feb 27 21:00:12 2043
Fingerprint (MD5): 37:94:29:58:86:2a:06:e6:bb:cf:d7:ab:59:c7:f2:3c
Fingerprint (SHA1): 31:f9:fc:8b:a3:80:59:86:b7:21:ea:72:95:c6:5b:3a:44:53:42:74

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft ECC TS Root Certificate Authority 2018"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\061\371\374\213\243\200\131\206\267\041\352\162\225\306\133\072
\104\123\102\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\067\224\051\130\206\052\006\346\273\317\327\253\131\307\362\074
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\127\141\163\150\151
\156\147\164\157\156\061\020\060\016\006\003\125\004\007\023\007
\122\145\144\155\157\156\144\061\036\060\034\006\003\125\004\012
\023\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160
\157\162\141\164\151\157\156\061\071\060\067\006\003\125\004\003
\023\060\115\151\143\162\157\163\157\146\164\040\105\103\103\040
\124\123\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060
\061\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\070\165\341\144\176\321\260\107\264\357\257\101\022
\202\105
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "DigiCert CS ECC P384 Root G5"
# Issuer: CN=DigiCert CS ECC P384 Root G5,O=DigiCert\, Inc.,C=US
# Serial Number:03:69:8f:e7:12:d5:19:f3:ce:d0:fd:b7:b1:64:30:11
# Subject: CN=DigiCert CS ECC P384 Root G5,O=DigiCert\, Inc.,C=US
# Not Valid Before: Fri Jan 15 00:00:00 2021
# Not Valid After: Sun Jan 14 23:59:59 2046
# Fingerprint (MD5): dd:b4:30:09:e8:67:1f:45:a0:80:ec:9d:d9:b1:a1:54
# Fingerprint (SHA1): 84:35:73:11:2a:3b:31:93:44:e5:e4:ec:ab:c9:f2:6c:7c:d5:4d:07
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert CS ECC P384 Root G5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA_SUBJECT MULTILINE_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\045\060\043\006\003\125\004
\003\023\034\104\151\147\151\103\145\162\164\040\103\123\040\105
\103\103\040\120\063\070\064\040\122\157\157\164\040\107\065

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\045\060\043\006\003\125\004
\003\023\034\104\151\147\151\103\145\162\164\040\103\123\040\105
\103\103\040\120\063\070\064\040\122\157\157\164\040\107\065

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\003\151\217\347\022\325\031\363\316\320\375\267\261\144
\060\021

END

CKA_VALUE MULTILINE_OCTAL

\060\202\002\026\060\202\001\235\240\003\002\001\002\002\020\003
\151\217\347\022\325\031\363\316\320\375\267\261\144\060\021\060
\012\006\010\052\206\110\316\075\004\003\003\060\115\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003
\125\004\012\023\016\104\151\147\151\103\145\162\164\054\040\111
\156\143\056\061\045\060\043\006\003\125\004\003\023\034\104\151
\147\151\103\145\162\164\040\103\123\040\105\103\103\040\120\063
\070\064\040\122\157\157\164\040\107\065\060\036\027\015\062\061
\060\061\061\065\060\060\060\060\060\060\132\027\015\064\066\060
\061\061\064\062\063\065\071\065\071\132\060\115\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003\125
\004\012\023\016\104\151\147\151\103\145\162\164\054\040\111\156
\143\056\061\045\060\043\006\003\125\004\003\023\034\104\151\147
\151\103\145\162\164\040\103\123\040\105\103\103\040\120\063\070
\064\040\122\157\157\164\040\107\065\060\166\060\020\006\007\052
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\177\024\255\205\266\227\375\002\041\065\115\140\350\070\223
\223\233\075\005\020\155\257\323\376\357\372\273\373\163\231\363
\354\062\022\215\307\150\270\213\336\211\242\210\124\167\215\273
\041\176\063\225\126\226\011\350\325\214\241\004\270\233\156\031
\000\142\350\102\050\246\130\067\204\031\125\046\173\063\067\147
\362\232\162\255\241\256\256\000\102\074\034\176\270\172\236\041
\234\243\102\060\100\060\035\006\003\125\035\016\004\026\004\024
\360\214\230\161\071\070\145\302\072\033\246\027\146\035\310\355
\145\336\222\066\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005
\060\003\001\001\377\060\012\006\010\052\206\110\316\075\004\003
\003\003\147\000\060\144\002\060\043\157\341\000\031\046\120\344


```
\106\040\145\213\067\247\317\353\006\341\314\062\311\052\241\354
\062\015\163\242\036\002\034\065\141\052\116\151\253\071\167\355
\227\210\300\175\153\352\211\335\002\060\103\361\321\130\243\165
\076\206\233\266\125\021\213\027\367\075\376\012\151\305\177\116
\306\165\033\132\224\313\352\021\021\306\010\042\210\336\320\172
\242\245\171\350\343\041\247\315\023\263
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

Microsoft Code Signing Only Certificate

Trust for "DigiCert CS ECC P384 Root G5"

Issuer: CN=DigiCert CS ECC P384 Root G5,O=DigiCert\, Inc.,C=US

Serial Number:03:69:8f:e7:12:d5:19:f3:ce:d0:fd:b7:b1:64:30:11

Subject: CN=DigiCert CS ECC P384 Root G5,O=DigiCert\, Inc.,C=US

Not Valid Before: Fri Jan 15 00:00:00 2021

Not Valid After: Sun Jan 14 23:59:59 2046

Fingerprint (MD5): dd:b4:30:09:e8:67:1f:45:a0:80:ec:9d:d9:b1:a1:54

Fingerprint (SHA1): 84:35:73:11:2a:3b:31:93:44:e5:e4:ec:ab:c9:f2:6c:7c:d5:4d:07

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert CS ECC P384 Root G5"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\204\065\163\021\052\073\061\223\104\345\344\354\253\311\362\154
\174\325\115\007
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\335\264\060\011\350\147\037\105\240\200\354\235\331\261\241\124
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\045\060\043\006\003\125\004
\003\023\034\104\151\147\151\103\145\162\164\040\103\123\040\105
\103\103\040\120\063\070\064\040\122\157\157\164\040\107\065
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\003\151\217\347\022\325\031\363\316\320\375\267\261\144
\060\021
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "DigiCert CS RSA4096 Root G5"
# Issuer: CN=DigiCert CS RSA4096 Root G5,O=DigiCert\, Inc.,C=US
# Serial Number:06:ce:e1:31:be:6d:55:c8:07:f7:c0:c7:fb:44:e6:20
# Subject: CN=DigiCert CS RSA4096 Root G5,O=DigiCert\, Inc.,C=US
# Not Valid Before: Fri Jan 15 00:00:00 2021
# Not Valid After: Sun Jan 14 23:59:59 2046
# Fingerprint (MD5): a7:33:ed:bf:1b:5d:e1:19:c4:91:c9:4a:ea:f7:6d:c7
# Fingerprint (SHA1): 5e:ee:d8:6f:a3:7c:67:52:30:64:2f:55:c8:4d:db:f6:7c:d3:3c:80
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert CS RSA4096 Root G5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\114\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\044\060\042\006\003\125\004
\003\023\033\104\151\147\151\103\145\162\164\040\103\123\040\122
\123\101\064\060\071\066\040\122\157\157\164\040\107\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\044\060\042\006\003\125\004
\003\023\033\104\151\147\151\103\145\162\164\040\103\123\040\122
\123\101\064\060\071\066\040\122\157\157\164\040\107\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\006\316\341\061\276\155\125\310\007\367\300\307\373\104
\346\040
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\144\060\202\003\114\240\003\002\001\002\002\020\006
\316\341\061\276\155\125\310\007\367\300\307\373\104\346\040\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\114
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027\060
\025\006\003\125\004\012\023\016\104\151\147\151\103\145\162\164
\054\040\111\156\143\056\061\044\060\042\006\003\125\004\003\023
\033\104\151\147\151\103\145\162\164\040\103\123\040\122\123\101
\064\060\071\066\040\122\157\157\164\040\107\065\060\036\027\015
\062\061\060\061\061\065\060\060\060\060\060\060\132\027\015\064
\066\060\061\061\064\062\063\065\071\065\071\132\060\114\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006
\003\125\004\012\023\016\104\151\147\151\103\145\162\164\054\040
\111\156\143\056\061\044\060\042\006\003\125\004\003\023\033\104
```

\151\147\151\103\145\162\164\040\103\123\040\122\123\101\064\060
\071\066\040\122\157\157\164\040\107\065\060\202\002\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002
\017\000\060\202\002\012\002\202\002\001\000\266\063\163\200\330
\142\003\160\024\054\021\034\071\136\174\256\174\203\206\035\376
\046\057\114\044\255\213\352\203\137\251\274\075\133\374\013\230
\114\002\107\060\354\342\376\354\350\064\133\146\136\277\073\327
\054\246\045\377\214\131\263\337\352\332\174\051\331\106\120\162
\010\035\156\321\033\012\335\037\315\231\211\372\017\017\163\304
\341\234\035\165\062\315\157\227\332\052\152\225\262\154\311\011
\320\352\013\173\175\027\006\111\231\357\326\336\340\310\123\324
\256\306\167\361\206\273\043\034\270\300\337\131\367\216\175\321
\357\202\346\046\213\132\070\265\377\165\325\262\331\117\011\363
\067\210\120\332\021\244\212\024\024\321\123\004\000\175\363\152
\104\030\376\120\160\062\007\034\250\232\016\072\035\305\012\037
\156\013\046\151\267\074\242\127\160\054\206\372\114\156\225\251
\130\103\271\254\022\326\377\077\355\327\103\027\153\114\316\236
\304\220\253\377\372\020\120\232\243\220\127\326\347\214\020\256
\237\026\032\317\065\035\177\327\166\355\212\234\065\247\050\270
\247\135\041\374\060\067\335\336\010\031\117\025\306\347\246\332
\220\107\216\367\224\123\114\216\123\002\276\375\231\345\352\206
\320\257\003\002\323\233\252\223\361\253\050\216\040\001\377\114
\373\314\267\051\100\365\207\244\022\023\005\037\103\156\327\121
\120\237\070\264\040\355\027\011\022\217\314\271\031\257\237\315
\276\151\021\323\257\125\020\155\027\206\171\226\122\306\262\000
\235\345\257\070\260\065\364\210\153\217\016\004\075\174\356\257
\315\323\152\020\112\306\315\206\312\042\075\241\112\134\373\016
\377\210\337\134\142\247\300\271\036\331\254\154\176\070\067\376
\167\223\045\302\205\212\117\265\067\006\132\006\201\024\361\316
\224\235\231\221\352\062\132\316\147\075\156\004\146\255\014\117
\055\243\056\367\236\365\170\235\367\012\375\176\217\343\102\212
\125\226\274\361\237\067\055\374\236\137\225\376\214\030\033\374
\216\375\113\220\257\327\003\150\022\143\254\342\223\247\242\313
\004\345\117\144\316\003\372\306\024\237\331\213\350\314\324\142
\214\153\344\000\054\031\237\032\006\306\061\201\124\373\123\044
\232\257\125\231\272\235\165\256\270\302\335\002\003\001\000\001
\243\102\060\100\060\035\006\003\125\035\016\004\026\004\024\150
\001\223\261\322\112\100\102\151\224\106\054\034\132\210\251\045
\264\107\117\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001
\014\005\000\003\202\002\001\000\222\374\356\270\002\171\027\002
\121\175\041\305\111\147\247\244\361\250\044\070\353\014\150\352
\132\102\153\234\364\163\301\151\112\055\263\067\005\120\102\230
\222\236\006\171\054\056\006\231\366\357\337\053\240\315\263\222
\001\203\265\240\313\047\265\074\043\032\230\111\242\354\055\231
\245\131\103\254\322\261\223\326\127\327\034\274\223\326\306\100
\341\263\157\031\125\267\023\327\345\103\063\244\265\253\313\332

\301\061\144\015\164\326\054\355\303\215\156\353\273\257\031\107
\141\141\055\300\364\005\271\157\170\334\072\367\102\100\145\123
\221\275\231\015\223\222\124\246\251\067\131\053\233\313\231\306
\274\075\367\004\204\360\224\063\035\017\202\132\071\313\056\105
\303\050\031\243\262\233\230\310\374\061\153\140\217\366\351\206
\050\274\340\074\175\164\135\026\211\133\151\044\307\020\213\304
\113\273\066\117\324\131\077\303\260\244\221\231\370\056\321\112
\001\235\365\210\022\357\277\132\021\152\131\117\131\153\132\147
\363\217\264\023\017\300\330\057\075\050\162\252\031\177\021\175
\152\133\237\225\347\137\267\224\117\361\076\241\132\377\055\314
\235\337\047\167\217\062\163\034\147\012\166\363\372\134\261\277
\274\035\275\014\050\233\262\307\027\147\013\063\017\303\275\066
\334\373\272\102\013\253\355\204\303\142\326\204\026\251\261\007
\153\251\156\356\306\317\346\260\104\051\302\360\263\141\200\052
\213\157\322\024\134\045\207\124\144\363\244\114\301\241\370\247
\153\352\376\352\072\374\171\333\016\217\334\306\363\311\324\154
\336\351\203\241\216\035\042\354\311\072\262\000\173\334\073\247
\102\032\177\334\213\251\021\075\216\247\300\040\157\135\011\135
\103\104\346\217\146\314\251\133\007\361\357\233\172\016\263\124
\341\224\375\016\054\306\223\327\125\375\161\230\065\270\011\112
\377\306\051\050\054\366\122\055\333\024\030\222\047\342\026\176
\214\312\324\141\276\202\207\221\353\230\067\077\277\137\135\167
\077\064\254\033\070\103\253\150\162\231\062\036\072\032\031\245
\243\070\114\043\327\243\347\314\325\052\222\027\220\013\132\113
\275\026\275\373\206\152\342\211\231\354\344\240\125\030\311\243
\010\037\023\340\062\010\162\320

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "DigiCert CS RSA4096 Root G5"
Issuer: CN=DigiCert CS RSA4096 Root G5,O=DigiCert\, Inc.,C=US
Serial Number:06:ce:e1:31:be:6d:55:c8:07:f7:c0:c7:fb:44:e6:20
Subject: CN=DigiCert CS RSA4096 Root G5,O=DigiCert\, Inc.,C=US
Not Valid Before: Fri Jan 15 00:00:00 2021
Not Valid After: Sun Jan 14 23:59:59 2046
Fingerprint (MD5): a7:33:ed:bf:1b:5d:e1:19:c4:91:c9:4a:ea:f7:6d:c7
Fingerprint (SHA1): 5e:ee:d8:6f:a3:7c:67:52:30:64:2f:55:c8:4d:db:f6:7c:d3:3c:80
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert CS RSA4096 Root G5"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\136\356\330\157\243\174\147\122\060\144\057\125\310\115\333\366
\174\323\074\200

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\247\063\355\277\033\135\341\031\304\221\311\112\352\367\155\307
END
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\044\060\042\006\003\125\004
\003\023\033\104\151\147\151\103\145\162\164\040\103\123\040\122
\123\101\064\060\071\066\040\122\157\157\164\040\107\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\006\316\341\061\276\155\125\310\007\367\300\307\373\104
\346\040
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "DigiCert RSA4096 Root G5"
# Issuer: CN=DigiCert RSA4096 Root G5,O=DigiCert\, Inc.,C=US
# Serial Number:08:bf:a2:6f:9a:3f:33:65:a2:ac:f0:a6:38:c4:01:70
# Subject: CN=DigiCert RSA4096 Root G5,O=DigiCert\, Inc.,C=US
# Not Valid Before: Fri Jan 15 00:00:00 2021
# Not Valid After: Sun Jan 14 23:59:59 2046
# Fingerprint (MD5): 26:18:9c:6e:60:22:79:b6:8d:0f:65:4c:99:17:56:12
# Fingerprint (SHA1): 87:b8:e6:d3:8f:1a:39:cd:97:f0:4a:9e:17:4b:3c:9e:e7:ee:11:15
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert RSA4096 Root G5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\111\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\041\060\037\006\003\125\004
\003\023\030\104\151\147\151\103\145\162\164\040\122\123\101\064
\060\071\066\040\122\157\157\164\040\107\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\111\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\041\060\037\006\003\125\004
\003\023\030\104\151\147\151\103\145\162\164\040\122\123\101\064

```

\060\071\066\040\122\157\157\164\040\107\065

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\010\277\242\157\232\077\063\145\242\254\360\246\070\304
\001\160

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\136\060\202\003\106\240\003\002\001\002\002\020\010
\277\242\157\232\077\063\145\242\254\360\246\070\304\001\160\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\111
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027\060
\025\006\003\125\004\012\023\016\104\151\147\151\103\145\162\164
\054\040\111\156\143\056\061\041\060\037\006\003\125\004\003\023
\030\104\151\147\151\103\145\162\164\040\122\123\101\064\060\071
\066\040\122\157\157\164\040\107\065\060\036\027\015\062\061\060
\061\061\065\060\060\060\060\060\132\027\015\064\066\060\061
\061\064\062\063\065\071\065\071\132\060\111\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\027\060\025\006\003\125\004
\012\023\016\104\151\147\151\103\145\162\164\054\040\111\156\143
\056\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\122\123\101\064\060\071\066\040\122\157\157
\164\040\107\065\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\252\276\015\262\006\175\046\371\107\352\344
\033\347\102\151\270\231\302\271\356\044\261\106\220\313\131\044
\122\124\065\246\044\302\137\221\031\310\266\102\326\363\107\145
\225\144\347\205\145\147\251\256\174\000\117\340\170\003\120\255
\363\177\216\270\021\347\201\142\261\213\337\362\111\046\011\336
\017\026\274\332\050\233\241\310\227\057\223\220\332\040\052\343
\204\324\377\251\236\260\055\277\264\000\336\233\037\310\240\143
\123\150\205\157\115\205\306\252\143\371\215\262\065\166\142\164
\003\334\223\230\150\005\236\315\220\145\335\322\172\061\253\044
\055\155\100\056\220\077\143\154\054\353\372\036\200\124\215\171
\002\220\024\263\265\117\116\365\210\004\103\200\303\110\263\046
\057\254\121\225\062\125\045\057\101\226\260\126\241\010\073\334
\230\037\162\205\054\167\312\230\314\070\373\216\162\311\155\354
\005\354\355\115\267\074\133\024\120\205\335\227\373\131\367\220
\022\364\023\277\203\115\200\262\025\145\021\227\140\345\326\134
\346\004\265\120\346\161\063\266\040\223\251\150\000\070\316\111
\333\264\134\073\162\327\105\134\124\277\315\074\001\043\036\174
\326\370\151\054\245\000\012\154\062\110\264\336\160\055\072\023
\027\301\177\144\313\363\060\355\241\075\226\147\361\224\265\140
\154\133\151\150\365\202\063\011\242\266\331\363\205\262\156\240
\224\360\302\304\175\241\054\312\163\365\256\340\122\234\242\146
\346\003\316\352\337\355\030\324\271\143\213\367\350\377\373\263
\133\217\103\305\257\267\164\224\120\065\145\256\326\057\361\205
\217\123\241\160\364\215\062\135\274\226\303\036\302\004\004\234
\004\017\263\135\176\211\040\312\136\047\015\211\112\022\043\264

\366\304\335\330\037\370\150\263\066\370\036\274\306\367\204\266
\350\212\116\210\060\070\300\046\330\160\012\011\072\064\016\153
\202\022\226\034\057\346\236\255\330\161\065\201\261\214\006\156
\364\156\146\377\113\112\256\275\360\376\327\134\137\123\273\062
\074\315\142\321\024\240\051\037\020\336\251\162\117\261\255\144
\345\203\052\217\213\352\204\225\356\230\045\230\232\263\161\074
\301\247\120\362\254\102\142\061\302\241\220\306\356\342\267\212
\250\265\266\033\073\002\003\001\000\001\243\102\060\100\060\035
\006\003\125\035\016\004\026\004\024\142\155\267\221\117\304\352
\243\142\140\217\240\320\276\265\217\006\174\150\000\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015
\006\011\052\206\110\206\367\015\001\001\014\005\000\003\202\002
\001\000\141\350\373\047\155\326\342\270\263\011\257\252\360\261
\202\114\376\075\027\211\115\055\025\235\373\356\320\273\204\354
\204\165\333\103\023\336\214\237\307\051\357\207\164\313\023\160
\201\126\000\164\374\256\364\331\072\336\042\010\121\245\240\134
\202\146\266\173\114\251\332\217\253\254\034\101\226\146\326\235
\336\126\346\277\116\261\262\136\137\300\303\156\324\302\204\220
\365\175\261\272\026\321\051\212\310\235\351\317\320\307\031\073
\077\317\356\367\341\063\256\102\310\230\300\010\236\363\132\363
\337\324\053\073\216\250\050\126\031\307\116\167\074\045\124\334
\270\110\110\321\371\047\152\076\354\023\257\262\005\211\375\125
\137\363\175\216\015\234\011\135\054\212\176\205\316\370\341\277
\021\075\062\214\132\327\176\075\364\063\130\317\242\005\230\243
\263\373\316\211\277\375\302\026\335\156\334\210\111\015\013\240
\003\377\347\105\351\004\301\351\375\252\235\165\370\270\037\207
\203\331\353\071\323\132\247\313\230\254\023\211\000\374\157\225
\116\341\175\021\106\155\366\070\106\243\023\240\054\001\365\142
\317\277\034\120\221\047\164\135\267\354\107\174\320\321\165\313
\173\356\321\115\043\012\303\140\245\167\055\200\332\147\017\216
\153\166\007\360\246\017\352\204\256\036\171\277\010\212\332\011
\363\364\356\265\066\363\324\172\103\272\224\065\341\372\301\073
\033\226\231\244\127\143\353\265\250\202\367\255\370\167\327\166
\206\363\166\123\126\133\374\046\102\204\316\237\203\221\221\257
\364\276\160\025\200\245\330\350\151\261\330\221\124\270\031\262
\142\371\242\372\125\355\004\277\271\104\206\344\317\361\233\000
\277\021\017\276\265\164\044\121\377\167\064\143\354\110\043\016
\350\021\353\167\155\332\312\202\221\276\244\204\223\114\332\241
\376\314\006\204\350\041\350\124\272\346\323\035\143\075\302\132
\374\346\311\203\236\162\144\251\206\131\000\214\302\367\023\203
\266\320\244\061\306\254\221\216\173\244\042\126\023\306\165\307
\043\274\213\133\374\106\075\376\135\122\051\257\257\350\311\303
\166\113\350\253\107\002\362\232\015\323\054\210\200\007\206\300
\143\017\002\114\216\004\123\166\271\130\102\157\174\051\160\135
\277\047

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Trust for "DigiCert RSA4096 Root G5"

Issuer: CN=DigiCert RSA4096 Root G5,O=DigiCert\, Inc.,C=US

Serial Number:08:bf:a2:6f:9a:3f:33:65:a2:ac:f0:a6:38:c4:01:70

Subject: CN=DigiCert RSA4096 Root G5,O=DigiCert\, Inc.,C=US

Not Valid Before: Fri Jan 15 00:00:00 2021

Not Valid After: Sun Jan 14 23:59:59 2046

Fingerprint (MD5): 26:18:9c:6e:60:22:79:b6:8d:0f:65:4c:99:17:56:12

Fingerprint (SHA1): 87:b8:e6:d3:8f:1a:39:cd:97:f0:4a:9e:17:4b:3c:9e:e7:ee:11:15

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "DigiCert RSA4096 Root G5"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

\207\270\346\323\217\032\071\315\227\360\112\236\027\113\074\236

\347\356\021\025

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

\046\030\234\156\140\042\171\266\215\017\145\114\231\027\126\022

END

CKA_ISSUER MULTILINE_OCTAL

\060\111\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145

\162\164\054\040\111\156\143\056\061\041\060\037\006\003\125\004

\003\023\030\104\151\147\151\103\145\162\164\040\122\123\101\064

\060\071\066\040\122\157\157\164\040\107\065

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\010\277\242\157\232\077\063\145\242\254\360\246\070\304

\001\160

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate

Certificate "DigiCert ECC P384 Root G5"

Issuer: CN=DigiCert ECC P384 Root G5,O=DigiCert\, Inc.,C=US

Serial Number:0d:f3:d9:37:65:a3:79:c5:95:66:ea:92:e2:24:4f:34

Subject: CN=DigiCert ECC P384 Root G5,O=DigiCert\, Inc.,C=US

Not Valid Before: Fri Jan 15 00:00:00 2021

Not Valid After: Sun Jan 14 23:59:59 2046

Fingerprint (MD5): 11:7f:85:ae:47:1f:51:61:6e:06:94:1e:6a:43:08:0b

Fingerprint (SHA1): d1:ee:b1:e8:c0:90:20:ba:b8:5d:3d:e2:7f:78:ee:33:a0:6c:ae:db

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert ECC P384 Root G5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\042\060\040\006\003\125\004
\003\023\031\104\151\147\151\103\145\162\164\040\105\103\103\040
\120\063\070\064\040\122\157\157\164\040\107\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\042\060\040\006\003\125\004
\003\023\031\104\151\147\151\103\145\162\164\040\105\103\103\040
\120\063\070\064\040\122\157\157\164\040\107\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\015\363\331\067\145\243\171\305\225\146\352\222\342\044
\117\064
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\021\060\202\001\227\240\003\002\001\002\002\020\015
\363\331\067\145\243\171\305\225\146\352\222\342\044\117\064\060
\012\006\010\052\206\110\316\075\004\003\003\060\112\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003
\125\004\012\023\016\104\151\147\151\103\145\162\164\054\040\111
\156\143\056\061\042\060\040\006\003\125\004\003\023\031\104\151
\147\151\103\145\162\164\040\105\103\103\040\120\063\070\064\040
\122\157\157\164\040\107\065\060\036\027\015\062\061\060\061\061
\065\060\060\060\060\060\060\132\027\015\064\066\060\061\061\064
\062\063\065\071\065\071\132\060\112\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\027\060\025\006\003\125\004\012\023
\016\104\151\147\151\103\145\162\164\054\040\111\156\143\056\061
\042\060\040\006\003\125\004\003\023\031\104\151\147\151\103\145
\162\164\040\105\103\103\040\120\063\070\064\040\122\157\157\164
\040\107\065\060\166\060\020\006\007\052\206\110\316\075\002\001
\006\005\053\201\004\000\042\003\142\000\004\374\131\037\316\231
\154\177\233\016\266\051\143\157\306\205\363\012\323\326\233\256
\127\025\114\016\355\135\343\011\176\155\052\243\206\252\272\170
\240\247\161\275\104\372\010\300\112\006\326\157\335\054\112\070
\164\345\320\275\377\172\377\345\071\116\275\275\027\036\037\103
\255\325\274\047\330\113\277\166\214\060\062\244\373\371\123\345
```

```
\330\252\070\123\135\250\240\067\240\147\012\243\102\060\100\060
\035\006\003\125\035\016\004\026\004\024\222\226\367\346\272\325
\021\272\371\042\056\173\176\132\331\360\045\345\005\033\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\012\006\010\052\206\110\316\075\004\003\003\003\150\000\060\145
\002\061\000\375\300\115\361\244\247\333\247\014\046\021\364\111
\275\007\070\143\053\104\142\006\171\010\307\303\324\317\233\076
\253\072\047\252\220\307\375\131\242\270\062\122\333\312\216\027
\013\012\220\002\060\135\032\354\121\211\324\144\334\371\345\036
\070\275\133\056\343\345\104\344\073\030\172\327\360\225\100\217
\362\353\317\364\371\320\145\242\101\362\260\346\174\301\066\054
\217\136\071\335\067
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "DigiCert ECC P384 Root G5"
# Issuer: CN=DigiCert ECC P384 Root G5,O=DigiCert, Inc.,C=US
# Serial Number:0d:f3:d9:37:65:a3:79:c5:95:66:ea:92:e2:24:4f:34
# Subject: CN=DigiCert ECC P384 Root G5,O=DigiCert, Inc.,C=US
# Not Valid Before: Fri Jan 15 00:00:00 2021
# Not Valid After: Sun Jan 14 23:59:59 2046
# Fingerprint (MD5): 11:7f:85:ae:47:1f:51:61:6e:06:94:1e:6a:43:08:0b
# Fingerprint (SHA1): d1:ee:b1:e8:c0:90:20:ba:b8:5d:3d:e2:7f:78:ee:33:a0:6c:ae:db
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert ECC P384 Root G5"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\321\356\261\350\300\220\040\272\270\135\075\342\177\170\356\063
\240\154\256\333
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\021\177\205\256\107\037\121\141\156\006\224\036\152\103\010\013
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\027\060\025\006\003\125\004\012\023\016\104\151\147\151\103\145
\162\164\054\040\111\156\143\056\061\042\060\040\006\003\125\004
\003\023\031\104\151\147\151\103\145\162\164\040\105\103\103\040
\120\063\070\064\040\122\157\157\164\040\107\065
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\015\363\331\067\145\243\171\305\225\146\352\222\342\044
```

```

\117\064
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Certificate "HARICA Code Signing RSA Root CA 2021"
# Issuer: CN=HARICA Code Signing RSA Root CA 2021,O=Hellenic Academic and Research Institutions
CA,C=GR
# Serial Number:15:c2:ae:2a:4d:99:9a:63:8c:d3:ba:13:19:76:08:f5
# Subject: CN=HARICA Code Signing RSA Root CA 2021,O=Hellenic Academic and Research Institutions
CA,C=GR
# Not Valid Before: Fri Feb 19 10:59:54 2021
# Not Valid After: Mon Feb 13 10:59:53 2045
# Fingerprint (MD5): 00:5d:c9:e3:b2:c0:90:e0:61:9a:42:c0:29:a1:6b:ba
# Fingerprint (SHA1): 8d:de:b8:20:46:b6:22:7c:79:24:6a:3e:ad:7b:32:c3:e8:8f:fc:ac
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Code Signing RSA Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\055\060\053\006\003\125\004
\003\014\044\110\101\122\111\103\101\040\103\157\144\145\040\123
\151\147\156\151\156\147\040\122\123\101\040\122\157\157\164\040
\103\101\040\062\060\062\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\055\060\053\006\003\125\004
\003\014\044\110\101\122\111\103\101\040\103\157\144\145\040\123
\151\147\156\151\156\147\040\122\123\101\040\122\157\157\164\040
\103\101\040\062\060\062\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\302\256\052\115\231\232\143\214\323\272\023\031\166
\010\365

```

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\266\060\202\003\236\240\003\002\001\002\002\020\025
\302\256\052\115\231\232\143\214\323\272\023\031\166\010\365\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\165
\061\013\060\011\006\003\125\004\006\023\002\107\122\061\067\060
\065\006\003\125\004\012\014\056\110\145\154\154\145\156\151\143
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151
\157\156\163\040\103\101\061\055\060\053\006\003\125\004\003\014
\044\110\101\122\111\103\101\040\103\157\144\145\040\123\151\147
\156\151\156\147\040\122\123\101\040\122\157\157\164\040\103\101
\040\062\060\062\061\060\036\027\015\062\061\060\062\061\071\061
\060\065\071\065\064\132\027\015\064\065\060\062\061\063\061\060
\065\071\065\063\132\060\165\061\013\060\011\006\003\125\004\006
\023\002\107\122\061\067\060\065\006\003\125\004\012\014\056\110
\145\154\154\145\156\151\143\040\101\143\141\144\145\155\151\143
\040\141\156\144\040\122\145\163\145\141\162\143\150\040\111\156
\163\164\151\164\165\164\151\157\156\163\040\103\101\061\055\060
\053\006\003\125\004\003\014\044\110\101\122\111\103\101\040\103
\157\144\145\040\123\151\147\156\151\156\147\040\122\123\101\040
\122\157\157\164\040\103\101\040\062\060\062\061\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\212\152\356
\252\012\043\125\014\213\006\102\343\225\133\124\170\137\305\216
\006\054\174\074\061\276\257\015\251\241\354\112\040\130\005\235
\342\150\262\273\353\137\177\052\063\271\362\125\234\157\252\244
\036\355\020\276\203\051\021\066\346\236\077\372\155\173\121\341
\325\167\245\275\313\151\016\073\042\040\224\014\061\145\100\015
\011\257\020\065\172\233\352\171\010\104\244\213\147\251\053\115
\301\347\320\327\247\366\265\072\215\331\243\251\171\270\244\145
\134\274\363\076\367\237\231\366\270\303\145\150\055\253\203\056
\335\205\231\004\251\365\321\134\325\121\102\001\271\237\101\265
\113\042\262\000\364\313\147\020\357\151\304\020\255\372\224\006
\166\120\022\127\202\256\305\024\255\074\175\273\235\361\163\341
\174\360\256\161\336\133\367\022\335\367\200\361\334\076\361\140
\272\311\031\227\157\165\164\205\114\375\071\103\303\144\156\064
\254\023\301\034\145\266\122\102\361\106\353\057\372\135\246\317
\016\111\235\367\164\174\170\015\006\072\054\022\373\342\113\046
\344\157\213\041\201\063\102\071\023\350\102\253\133\125\324\033
\273\067\266\022\221\367\363\175\274\322\377\354\261\303\325\240
\314\262\053\307\217\135\176\114\122\102\110\373\217\375\132\220
\163\020\325\251\162\124\215\111\333\070\122\252\106\110\016\057
\372\000\054\314\163\014\066\113\044\316\023\154\246\244\244\243
\326\174\233\351\070\013\306\044\333\115\254\147\041\111\133\101
\067\144\346\140\153\037\355\052\057\140\031\060\036\330\074\234
\031\103\207\337\300\012\364\344\312\140\210\172\326\243\271\344
\045\056\171\342\376\301\313\074\267\367\317\116\130\114\373\303

\255\253\175\252\312\210\373\016\070\015\037\236\134\071\353\270
\007\304\120\042\115\370\205\177\156\354\214\372\266\161\115\336
\175\226\151\304\335\076\036\336\046\220\012\054\115\025\225\251
\242\076\334\075\016\167\174\215\101\050\117\270\203\121\276\076
\267\217\220\072\160\061\211\132\372\223\123\374\140\311\215\165
\220\356\132\057\035\204\237\000\251\346\303\206\043\242\036\335
\022\343\241\106\140\033\147\277\120\025\042\222\174\112\264\214
\217\156\234\225\302\054\334\073\072\040\266\274\213\002\003\001
\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\264\144\026\110\350\374\132\113\063\051\211\353\231\100
\271\040\264\366\141\032\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\206\060\015\006\011\052\206\110\206\367\015
\001\001\013\005\000\003\202\002\001\000\053\254\131\213\346\071
\104\334\373\255\112\210\340\144\377\253\303\362\322\316\160\057
\003\345\157\262\304\365\066\326\123\153\207\253\035\213\231\007
\310\060\216\107\162\375\241\270\165\326\027\241\026\275\144\163
\221\060\127\255\175\375\005\100\206\223\321\111\226\262\013\324
\174\144\023\213\323\041\111\070\273\373\350\314\076\061\361\256
\173\114\052\337\202\006\243\216\005\204\234\177\160\316\300\273
\105\027\337\135\145\014\344\120\110\007\104\213\244\057\126\332
\306\172\366\140\215\244\070\361\235\207\026\060\262\360\137\172
\102\125\040\161\317\314\356\000\261\022\107\277\102\271\344\263
\265\035\031\204\271\230\155\340\151\264\025\101\265\342\120\110
\307\037\352\232\267\171\221\335\325\325\123\031\374\256\030\154
\151\333\255\131\050\233\144\230\247\074\307\125\216\321\060\000
\317\324\062\236\142\261\303\052\356\065\042\306\273\360\174\273
\203\270\000\211\365\334\032\227\331\070\232\051\123\141\031\246
\247\364\073\107\375\335\147\225\017\216\244\146\054\202\232\267
\055\161\346\337\256\370\370\150\301\273\017\352\120\240\105\227
\267\032\225\022\157\310\263\266\005\150\332\152\036\016\065\205
\204\254\164\014\212\264\364\165\237\042\257\260\124\273\266\236
\042\371\331\353\325\212\015\307\334\370\230\061\137\236\372\306
\227\364\101\020\165\323\201\266\061\137\172\335\210\205\010\257
\160\107\002\067\173\342\112\354\135\362\335\051\022\104\310\212
\252\335\322\125\170\027\165\257\161\151\015\167\160\112\260\037
\177\102\333\307\161\334\130\326\030\275\120\305\271\162\004\307
\147\173\174\123\140\312\111\030\025\274\100\163\256\053\250\053
\254\157\021\104\071\354\202\110\176\021\312\373\326\077\266\300
\271\270\006\223\165\275\223\047\167\027\015\134\245\236\352\301
\133\000\055\014\250\065\140\307\342\157\065\033\075\166\265\347
\255\335\164\043\117\206\262\107\357\310\057\320\205\174\071\226
\067\241\053\051\002\275\076\207\317\250\366\035\165\062\317\070
\343\163\261\356\020\201\265\052\261\210\006\121\036\132\072\110
\121\363\066\131\142\337\102\146\131\120\267\130\276\365\166\100
\232\022\026\346\016\252\327\154\240\325

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE

```

CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Microsoft Code Signing Only Certificate
# Trust for "HARICA Code Signing RSA Root CA 2021"
# Issuer: CN=HARICA Code Signing RSA Root CA 2021,O=Hellenic Academic and Research Institutions
CA,C=GR
# Serial Number:15:c2:ae:2a:4d:99:9a:63:8c:d3:ba:13:19:76:08:f5
# Subject: CN=HARICA Code Signing RSA Root CA 2021,O=Hellenic Academic and Research Institutions
CA,C=GR
# Not Valid Before: Fri Feb 19 10:59:54 2021
# Not Valid After: Mon Feb 13 10:59:53 2045
# Fingerprint (MD5): 00:5d:c9:e3:b2:c0:90:e0:61:9a:42:c0:29:a1:6b:ba
# Fingerprint (SHA1): 8d:de:b8:20:46:b6:22:7c:79:24:6a:3e:ad:7b:32:c3:e8:8f:fc:ac
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Code Signing RSA Root CA 2021"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\215\336\270\040\106\266\042\174\171\044\152\076\255\173\062\303
\350\217\374\254
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\000\135\311\343\262\300\220\340\141\232\102\300\051\241\153\272
END
CKA_ISSUER MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\055\060\053\006\003\125\004
\003\014\044\110\101\122\111\103\101\040\103\157\144\145\040\123
\151\147\156\151\156\147\040\122\123\101\040\122\157\157\164\040
\103\101\040\062\060\062\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\302\256\052\115\231\232\143\214\323\272\023\031\166
\010\365
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

# Microsoft Code Signing Only Certificate
# Certificate "HARICA Code Signing ECC Root CA 2021"
# Issuer: CN=HARICA Code Signing ECC Root CA 2021,O=Hellenic Academic and Research Institutions

```

```
CA,C=GR
# Serial Number:4c:8a:63:1d:a9:63:8f:05:a2:fb:76:14:ff:5b:a2:cd
# Subject: CN=HARICA Code Signing ECC Root CA 2021,O=Hellenic Academic and Research Institutions
CA,C=GR
# Not Valid Before: Fri Feb 19 11:04:36 2021
# Not Valid After: Mon Feb 13 11:04:35 2045
# Fingerprint (MD5): 9d:dd:7d:39:b4:1c:95:fa:82:e0:c3:11:38:ba:69:84
# Fingerprint (SHA1): e4:36:e5:37:b7:13:42:b6:2e:8e:00:30:5a:d9:a3:d1:d7:33:47:e9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Code Signing ECC Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\055\060\053\006\003\125\004
\003\014\044\110\101\122\111\103\101\040\103\157\144\145\040\123
\151\147\156\151\156\147\040\105\103\103\040\122\157\157\164\040
\103\101\040\062\060\062\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\055\060\053\006\003\125\004
\003\014\044\110\101\122\111\103\101\040\103\157\144\145\040\123
\151\147\156\151\156\147\040\105\103\103\040\122\157\157\164\040
\103\101\040\062\060\062\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\114\212\143\035\251\143\217\005\242\373\166\024\377\133
\242\315
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\146\060\202\001\355\240\003\002\001\002\002\020\114
\212\143\035\251\143\217\005\242\373\166\024\377\133\242\315\060
\012\006\010\052\206\110\316\075\004\003\003\060\165\061\013\060
\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006\003
\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101\143
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163
\040\103\101\061\055\060\053\006\003\125\004\003\014\044\110\101
```

\122\111\103\101\040\103\157\144\145\040\123\151\147\156\151\156
\147\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060
\062\061\060\036\027\015\062\061\060\062\061\071\061\061\060\064
\063\066\132\027\015\064\065\060\062\061\063\061\061\060\064\063
\065\132\060\165\061\013\060\011\006\003\125\004\006\023\002\107
\122\061\067\060\065\006\003\125\004\012\014\056\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\101\061\055\060\053\006\003
\125\004\003\014\044\110\101\122\111\103\101\040\103\157\144\145
\040\123\151\147\156\151\156\147\040\105\103\103\040\122\157\157
\164\040\103\101\040\062\060\062\061\060\166\060\020\006\007\052
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000
\004\103\237\274\134\102\152\103\341\254\113\270\016\137\200\006
\343\005\167\213\177\013\171\327\141\240\220\277\362\123\050\243
\130\272\224\300\146\152\034\131\332\200\130\201\000\114\274\311
\171\230\020\014\307\035\013\343\223\334\205\071\150\331\277\247
\103\322\061\314\202\202\047\272\210\321\322\055\126\067\367\072
\332\156\071\334\161\020\145\356\070\013\207\172\003\272\060\137
\144\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\152\161\301\163\152\223\102\246\227\162\136\273\220\137\202
\222\017\053\326\353\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\206\060\012\006\010\052\206\110\316\075\004\003
\003\003\147\000\060\144\002\060\036\245\325\013\104\225\020\344
\147\174\116\205\136\271\105\111\002\163\260\262\034\263\247\042
\321\000\141\100\017\263\207\067\026\215\000\355\266\213\125\045
\006\224\220\334\327\347\165\237\002\060\177\164\153\361\112\337
\360\367\204\173\362\305\171\060\003\110\362\036\040\042\127\144
\124\127\064\200\167\267\077\043\117\264\365\200\230\302\301\126
\133\240\347\326\241\217\365\014\157\035

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

Microsoft Code Signing Only Certificate
Trust for "HARICA Code Signing ECC Root CA 2021"
Issuer: CN=HARICA Code Signing ECC Root CA 2021,O=Hellenic Academic and Research Institutions
CA,C=GR
Serial Number:4c:8a:63:1d:a9:63:8f:05:a2:fb:76:14:ff:5b:a2:cd
Subject: CN=HARICA Code Signing ECC Root CA 2021,O=Hellenic Academic and Research Institutions
CA,C=GR
Not Valid Before: Fri Feb 19 11:04:36 2021
Not Valid After: Mon Feb 13 11:04:35 2045
Fingerprint (MD5): 9d:dd:7d:39:b4:1c:95:fa:82:e0:c3:11:38:ba:69:84
Fingerprint (SHA1): e4:36:e5:37:b7:13:42:b6:2e:8e:00:30:5a:d9:a3:d1:d7:33:47:e9
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST


```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Code Signing ECC Root CA 2021"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\344\066\345\067\267\023\102\266\056\216\000\060\132\331\243\321
\327\063\107\351
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\235\335\175\071\264\034\225\372\202\340\303\021\070\272\151\204
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\055\060\053\006\003\125\004
\003\014\044\110\101\122\111\103\101\040\103\157\144\145\040\123
\151\147\156\151\156\147\040\105\103\103\040\122\157\157\164\040
\103\101\040\062\060\062\061
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\114\212\143\035\251\143\217\005\242\373\166\024\377\133
\242\315
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Certificate "Microsoft Identity Verification Root Certificate Authority 2020"
# Issuer: CN=Microsoft Identity Verification Root Certificate Authority 2020,O=Microsoft Corporation,C=US
# Serial Number:54:98:d2:d1:d4:5b:19:95:48:13:79:c8:11:c0:87:99
# Subject: CN=Microsoft Identity Verification Root Certificate Authority 2020,O=Microsoft Corporation,C=US
# Not Valid Before: Thu Apr 16 18:36:16 2020
# Not Valid After: Sun Apr 16 18:44:40 2045
# Fingerprint (MD5): be:95:4f:16:01:21:22:44:8c:a8:bc:27:96:02:ac:f5
# Fingerprint (SHA1): f4:00:42:e2:e5:f7:e8:ef:81:89:fe:d1:55:19:ae:ce:42:c3:bf:a2
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft Identity Verification Root Certificate Authority 2020"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\167\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
```

\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\110\060\106\006\003\125\004\003\023\077\115\151\143\162\157\163
\157\146\164\040\111\144\145\156\164\151\164\171\040\126\145\162
\151\146\151\143\141\164\151\157\156\040\122\157\157\164\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171\040\062\060\062\060

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

\060\167\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\110\060\106\006\003\125\004\003\023\077\115\151\143\162\157\163
\157\146\164\040\111\144\145\156\164\151\164\171\040\126\145\162
\151\146\151\143\141\164\151\157\156\040\122\157\157\164\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171\040\062\060\062\060

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

\002\020\124\230\322\321\324\133\031\225\110\023\171\310\021\300
\207\231

END

CKA_VALUE MULTILINE_OCTAL

\060\202\005\314\060\202\003\264\240\003\002\001\002\002\020\124
\230\322\321\324\133\031\225\110\023\171\310\021\300\207\231\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\167
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036\060
\034\006\003\125\004\012\023\025\115\151\143\162\157\163\157\146
\164\040\103\157\162\160\157\162\141\164\151\157\156\061\110\060
\106\006\003\125\004\003\023\077\115\151\143\162\157\163\157\146
\164\040\111\144\145\156\164\151\164\171\040\126\145\162\151\146
\151\143\141\164\151\157\156\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\062\060\060\036\027\015\062\060\060\064\061
\066\061\070\063\066\061\066\132\027\015\064\065\060\064\061\066
\061\070\064\064\064\060\132\060\167\061\013\060\011\006\003\125
\004\006\023\002\125\123\061\036\060\034\006\003\125\004\012\023
\025\115\151\143\162\157\163\157\146\164\040\103\157\162\160\157
\162\141\164\151\157\156\061\110\060\106\006\003\125\004\003\023
\077\115\151\143\162\157\163\157\146\164\040\111\144\145\156\164
\151\164\171\040\126\145\162\151\146\151\143\141\164\151\157\156
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\145\040\101\165\164\150\157\162\151\164\171\040\062\060\062\060
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\263\221\052\007\203\006\147\375\236\235\340\307\300\267\244
\346\102\004\177\017\246\333\137\373\325\132\327\105\240\373\167
\013\360\200\363\246\155\132\115\171\123\330\240\206\204\127\105

\040\307\242\124\373\307\242\277\212\307\156\065\363\242\025\304
\057\116\343\112\205\226\111\015\377\276\231\330\024\366\274\047
\007\356\102\233\053\365\013\222\006\344\375\151\023\145\250\221
\162\362\230\204\353\203\075\016\344\327\161\022\110\041\313\015
\355\366\107\111\267\233\371\311\307\027\266\204\117\377\270\254
\232\327\163\147\111\205\343\206\275\067\100\320\045\206\324\336
\265\302\155\142\152\325\251\170\274\055\157\111\371\345\154\024
\024\375\024\307\323\145\026\067\336\313\156\274\136\051\215\375
\142\233\025\054\326\005\346\271\211\062\063\243\142\307\327\326
\122\147\010\304\056\364\126\053\236\013\207\314\354\247\264\246
\252\353\005\315\031\127\245\072\013\004\047\034\221\147\236\055
\142\055\057\036\276\332\300\040\313\004\031\312\063\373\211\276
\230\342\162\240\162\065\276\171\341\234\203\157\344\155\027\157
\220\363\075\000\206\165\070\216\320\340\111\232\273\333\323\370
\060\312\325\127\210\150\115\162\323\277\155\177\161\330\375\275
\015\256\222\144\110\267\133\157\171\046\265\315\233\225\041\204
\321\357\017\062\075\173\127\214\363\105\007\114\174\340\136\030
\016\065\166\213\155\236\313\066\164\253\005\370\340\163\135\062
\126\224\147\227\045\012\306\065\075\224\227\347\301\104\213\200
\375\301\370\364\164\031\345\060\366\006\373\041\127\076\006\034
\213\153\025\206\047\111\173\202\223\312\131\350\165\107\350\077
\070\364\307\123\171\240\266\264\342\134\121\357\275\137\070\301
\023\346\170\014\225\132\056\305\100\131\050\314\017\044\300\354
\272\011\167\043\231\070\246\266\034\332\307\272\040\266\327\067
\330\177\067\257\010\343\073\161\333\156\163\033\175\231\162\260
\344\206\063\131\164\265\026\000\173\120\155\306\206\023\332\375
\304\071\202\075\044\000\232\140\332\272\224\300\005\121\054\064
\254\120\231\023\207\273\263\005\200\262\115\060\002\134\270\046
\203\135\264\143\163\357\256\043\225\117\140\050\276\067\325\133
\245\002\003\001\000\001\243\124\060\122\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\206\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125
\035\016\004\026\004\024\310\176\322\152\205\052\033\312\031\230
\004\007\047\317\120\020\117\150\250\242\060\020\006\011\053\006
\001\004\001\202\067\025\001\004\003\002\001\000\060\015\006\011
\052\206\110\206\367\015\001\001\014\005\000\003\202\002\001\000
\257\152\335\346\031\347\055\224\103\031\116\313\351\120\225\144
\245\003\221\002\213\342\066\200\073\025\242\122\302\026\031\266
\152\132\135\164\103\060\364\233\377\140\164\011\261\041\036\220
\026\155\305\044\217\134\146\210\143\364\117\314\175\362\022\114
\100\020\213\001\237\332\251\310\256\362\225\033\317\235\005\353
\111\076\164\240\150\133\345\126\054\145\034\202\176\123\332\126
\331\106\027\171\222\105\304\020\066\010\122\051\027\313\057\246
\362\176\324\151\044\212\036\217\260\163\015\314\034\112\253\262
\252\355\247\221\143\001\144\042\250\062\270\176\062\050\263\147
\163\055\221\264\334\061\001\013\367\107\012\246\361\327\112\355
\126\140\304\054\010\243\173\100\260\274\164\047\122\207\326\276
\210\335\067\212\211\156\147\210\035\365\311\135\240\376\266\253

```
\072\200\327\032\227\074\027\066\042\101\036\254\115\325\203\346
\074\070\275\117\060\351\124\251\323\266\004\303\062\166\141\273
\260\030\305\053\030\263\300\200\325\267\225\260\136\121\115\042
\374\354\130\252\350\330\224\264\245\056\355\222\336\347\030\174
\041\127\335\125\143\367\277\155\315\037\322\246\167\050\160\307
\342\133\072\133\010\322\133\116\310\000\226\263\341\203\066\257
\206\012\145\134\164\366\352\354\172\152\164\240\360\113\356\357
\224\243\254\120\362\207\355\327\072\060\203\311\373\175\127\276
\345\343\370\101\312\345\144\256\263\243\354\130\354\205\232\314
\357\271\352\363\126\030\271\134\163\232\257\305\167\027\203\131
\333\067\032\030\162\124\245\101\322\266\043\165\243\103\232\345
\167\174\226\171\267\101\215\277\354\334\200\240\237\321\167\165
\130\137\065\023\340\045\032\147\013\175\316\045\372\007\012\344
\141\041\330\324\034\345\007\306\066\231\364\226\320\306\025\376
\116\315\327\256\213\235\333\026\375\004\306\222\275\324\210\346
\251\243\252\273\367\144\070\073\137\314\014\320\065\276\164\031
\003\246\305\252\114\242\141\066\202\076\035\363\053\274\227\135
\333\113\170\073\055\365\073\357\140\043\350\365\354\013\043\066
\225\257\230\146\277\123\323\173\270\151\112\052\226\146\151\304
\224\306\364\137\156\254\230\170\210\200\006\134\242\262\355\242
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_FALSE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Microsoft Code Signing Only Certificate
# Trust for "Microsoft Identity Verification Root Certificate Authority 2020"
# Issuer: CN=Microsoft Identity Verification Root Certificate Authority 2020,O=Microsoft Corporation,C=US
# Serial Number:54:98:d2:d1:d4:5b:19:95:48:13:79:c8:11:c0:87:99
# Subject: CN=Microsoft Identity Verification Root Certificate Authority 2020,O=Microsoft Corporation,C=US
# Not Valid Before: Thu Apr 16 18:36:16 2020
# Not Valid After: Sun Apr 16 18:44:40 2045
# Fingerprint (MD5): be:95:4f:16:01:21:22:44:8c:a8:bc:27:96:02:ac:f5
# Fingerprint (SHA1): f4:00:42:e2:e5:f7:e8:ef:81:89:fe:d1:55:19:ae:ce:42:c3:bf:a2
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft Identity Verification Root Certificate Authority 2020"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\364\000\102\342\345\367\350\357\201\211\376\321\125\031\256\316
\102\303\277\242
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\276\225\117\026\001\041\042\104\214\250\274\047\226\002\254\365
END
CKA_ISSUER MULTILINE_OCTAL
\060\167\061\013\060\011\006\003\125\004\006\023\002\125\123\061
```

```
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\110\060\106\006\003\125\004\003\023\077\115\151\143\162\157\163
\157\146\164\040\111\144\145\156\164\151\164\171\040\126\145\162
\151\146\151\143\141\164\151\157\156\040\122\157\157\164\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171\040\062\060\062\060
```

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\020\124\230\322\321\324\133\031\225\110\023\171\310\021\300
\207\231
```

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Found in path(s):

* /opt/cola/permits/1425443200_1664017022.0583818/0/ca-certificates-2022.2.54-74.el7_9.src.rpm-cosi-expand-archive-GCjLhYzR/certdata.txt

1.75 bash 4.2.46-35.el7_9

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support/man2html.c

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```

```
import java.io.Serializable;
```

```
/**
 * Legacy security code; do not use.
 */
public abstract class Permission implements Guard, Serializable {
    public Permission(String name) { }

    public final String getName() { return null; }

    public void checkGuard(Object obj) throws SecurityException { }

    public PermissionCollection newPermissionCollection() {
        return new AllPermissionCollection();
    }

    public abstract String getActions();

    public abstract boolean implies(Permission permission);
}

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```

- * file name: UBiDiProps.java
- * encoding: US-ASCII
- * tab size: 8 (not used)
- * indentation:4
- *
- * created on: 2005jan16
- * created by: Markus W. Scherer
- *
- * Low-level Unicode bidi/shaping properties access.
- * Java port of ubidi_props.h/c.

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`Replaceable` is an interface representing a string of characters that supports the replacement of a range of itself with a new string of characters. It is used by APIs that change a piece of text while retaining metadata. Metadata is data other than the Unicode characters returned by `char32At()`. One example of metadata is style attributes; another is an edit history, marking each character with an author and revision number.

An implicit aspect of the `Replaceable` API is that during a replace operation, new characters take on the metadata of the old characters. For example, if the string "the **bold** font" has range (4, 8) replaced with "strong", then it becomes "the **strong** font".

`Replaceable` specifies ranges using a start offset and a limit offset. The range of characters thus specified includes the characters at `offset.start..limit-1`. That is, the start offset is inclusive, and the limit offset is exclusive.

`Replaceable` also includes API to access characters in the string: `length()`, `charAt()`, `char32At()`, and `extractBetween()`.

For a subclass to support metadata, typical behavior of `replace()` is the following:

-

- Set the metadata of the new text to the metadata of the first character replaced

- If no characters are replaced, use the metadata of the previous character

- If there is no previous character (i.e. `start == 0`), use the following character

- If there is no following character (i.e. the replaceable was empty), use default metadata

- If the code point `U+FFFF` is seen, it should be interpreted as a special marker having no metadata

If this is not the behavior, the subclass should document any differences.

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@author Alan Liu

@stable ICU 2.0

<code>ReplaceableString</code> is an adapter class that implements the
<code>Replaceable</code> API around an ordinary <code>StringBuffer</code>.

<p>Note: This class does not support attributes and is not
intended for general use. Most clients will need to implement
{ @link Replaceable } in their text representation class.

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@see Replaceable

@author Alan Liu

@stable ICU 2.0

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1.84 jetty-servlets 9.4.49.v20220914

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

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- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

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- * java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.85 libverto 0.2.5-4.el7

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1.86 opentelemetry-api-metrics 1.10.0-rc.1

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1.104 aws-java-sdk-

sagemakerfeaturestoreruntime 1.12.377

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1.105 error_prone_annotations 2.3.4

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- * /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/FormatString.java
- * /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/DoNotMock.java
- * /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/CompatibleWith.java
- * /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/RestrictedApi.java
- * /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/MustBeClosed.java
- * /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/FormatMethod.java

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- * /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
- * /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
- * /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/CheckReturnValue.java

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* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/Var.java
* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
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* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/NoAllocation.java
* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/concurrent/LockMethod.java

1.106 passwd 0.79-6.el7

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1.110 libffi 3.0.13-19.el7

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1.111 python-kitchen 1.1.1-5.el7

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* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/MultiDnsServerAddressStreamProvider.java
* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/UnixResolverDnsServerAddressStreamProvider.java
* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsNameResolverTimeoutException.java
* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/BiDnsQueryLifecycleObserverFactory.java
* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserverFactory.java
* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStreamProviders.java
* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsQueryLifecycleObserverFactory.java
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* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/LoggingDnsQueryLifeCycleObserverFactory.java

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* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/InflightNameResolver.java

* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/RoundRobinDnsAddressResolverGroup.java

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* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsNameResolverException.java
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* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsQueryContextManager.java
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 * /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/NoopDnsCnameCache.java
 * /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/DnsAddressResolveContext.java
 * /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/NameServerComparator.java
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jar/io/netty/resolver/dns/DirContextUtils.java
 * /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-
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 * /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/DnsCnameCache.java
 * /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/DnsAddressDecoder.java
 * /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/DnsRecordResolveContext.java
 * /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/Cache.java
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jar/io/netty/resolver/dns/AuthoritativeDnsServerCacheAdapter.java
 * /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-
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* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsNameResolver.java
* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsAddressResolverGroup.java
* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsServerAddresses.java
* /opt/cola/permits/1536390275_1674051326.4693024/0/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/package-info.java
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Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the

Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

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Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.127 aws-java-sdk-directconnect 1.12.377

1.127.1 Available under license :

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* /opt/cola/permits/1636779561_1681351914.1550384/0/aws-java-sdk-directconnect-1-12-377-sources-jar/com/amazonaws/services/directconnect/AmazonDirectConnectClient.java

1.128 python-urlgrabber 3.10-10.el7

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```
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`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.
```

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```
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```

```
signature of Ty Coon, 1 April 1989
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```

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1.131 jackson-dataformat-yaml 2.13.2

1.131.1 Available under license :

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1.132 opentelemetry-sdk-extension-autoconfigure-spi 1.13.0

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1.133 aws-java-sdk-machinelearning 1.12.377

1.133.1 Available under license :

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1.134 redisson 3.17.1

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1.135 jetty-servlet 9.4.49.v20220914

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javafx.security.auth.message

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* org.eclipse.jetty.orbit:javafx.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.136 kafka-avro-serializer 4.1.0

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```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">

<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
```

```
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">

<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">
```

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```
</head>
```

```
<body>
```

```
<!-- Navigation -->
```

```
<header>
```

```
<nav class="navbar navbar-default navbar-fixed-top">
```

```
<div class="container">
```

```
<div class="navbar-header">
```

```
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
```

```
<span class="sr-only">Toggle navigation</span>
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
</button>
```

```
<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
```

```
</div>
```

```
<div class="collapse navbar-collapse" id="mainnav-collapse">
```

```
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo;&nbsp;&nbsp;<a href="/licenses/">Licenses</a></div>
```

```
<ul class="nav navbar-nav navbar-right">
```

```
<li class="dropdown">
```

```
<a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
```

```
<ul class="dropdown-menu" role="menu">
```

```
<li><a href="/foundation">Overview</a></li>
```

```
<li><a href="/foundation/members.html">Members</a></li>
```

```

<li><a href="/foundation/how-it-works.html">Process</a></li>
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
<li><a href="/foundation/contact.html ">Contact</a></li>
</ul>
</li>
<li><a href="/index.html#projects-list">Projects</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
<li><a href="http://people.apache.org/">Overview</a></li>
<li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
<li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
<li><a href="http://planet.apache.org/">Planet Apache</a></li>
  </ul>
</li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
      <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
  <div class="col-md-9 col-sm-8 col-xs-12">

```

```

    
</div>
<div class="col-md-3 col-sm-4 col-xs-12">
    <div class="input-group" style="margin-bottom: 5px;">
    <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
    '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);
})();
</script>
    <gcse:searchbox-only></gcse:searchbox-only>
</div>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
    <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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that entity. For the purposes of this definition, "control" means (i) the

```

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title="Permanent link">¶</h1>

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</pre></div></div>

<!-- Footer -->

<footer class="bg-primary">

<div class="container">

<div class="row">

<div class="col-sm-1">

</div>

<div class="col-sm-2">

<h5 class="white">Community</h5>

<ul class="list-unstyled white" role="menu">

Overview

Conferences

Summer of Code

Getting Started

The Apache Way

Travel Assistance

Get Involved

Community FAQ

</div>

<div class="col-sm-2">

<h5 class="white">Innovation</h5>

```
<ul class="list-unstyled white" role="menu">
<li><a href="http://incubator.apache.org/">Incubator</a></li>
<li><a href="http://labs.apache.org/">Labs</a></li>
<li><a href="/licenses/">Licensing</a></li>
<li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Tech Operations</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/dev/">Developer Information</a></li>
<li><a href="/dev/infrastructure.html">Infrastructure</a></li>
<li><a href="/security/">Security</a></li>
<li><a href="http://status.apache.org">Status</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Press</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/press/">Overview</a></li>
<li><a href="https://blogs.apache.org/">ASF News</a></li>
<li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
<li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
<li><a href="/press/#contact">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Legal</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/legal/">Legal Affairs</a></li>
<li><a href="/licenses/">Licenses</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/records/">Public Records</a></li>
<li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
<li><a href="/licenses/exports/">Export Information</a></li>
<li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-1">
</div>
```

```
</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
  <div class="col-lg-12">
    <p class="text-center">Copyright &#169; 2016 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
  </div>
</div>
</div>
```

```
</footer>
```

```
<!-- / Footer -->
```

```
<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>
```

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```
<!DOCTYPE HTML PUBLIC "-//IETF/DTD HTML 2.0//EN">  
<html><head>
```

```
<title>301 Moved Permanently</title>
</head><body>
<h1>Moved Permanently</h1>
<p>The document has moved <a href="https://opensource.org/licenses/mit-license.php">here</a>.</p>
</body></html>
```

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cd <SRC_PATH>
mvn package -DskipTests
mkdir /tmp/jars
mkdir /tmp/overrides
cp package-schema-registry/target/kafka-schema-registry-package-<VERSION>-package/share/java/schema-registry/*.jar /tmp/jars/
cp package-kafka-serde-tools/target/kafka-serde-tools-package-<VERSION>-package/share/java/kafka-serde-tools/*.jar /tmp/jars/
cd <LICENSE_TOOL_PATH>
./bin/run_license_job.bash -i /tmp/jars -l <SRC_PATH>/licenses -n <SRC_PATH>/notices -h
```

```
<SRC_PATH>/licenses-and-notices.html -o /tmp/overrides
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html lang="en-US">
<head>
<title>GlassFish Dual License Header and License Notice GPL v2 and CDDL</title>
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<style type="text/css">
  li {display: block;}
</style>
</head>

<body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0" bgcolor="#ffffff">

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</html>

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"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />

<title>Untitled Document</title>

</head>

<body>

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<HTML>

<!-- @page { margin: 0.79in } P { margin-bottom: 0.08in } H1 { margin-top: 0in; margin-bottom: 0.17in; widows: 0; orphans: 0 } H1.western { font-family: "Times New Roman", serif; font-size: 12pt; font-weight: normal } H1.cjk { font-family: "Andale Sans UI"; font-size: 12pt; font-weight: normal } H1.clt { font-family: "Tahoma"; font-size: 12pt; font-weight: normal } -->

<BODY DIR="LTR">

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```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">

<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
```

```
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">

<title>Licenses</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">
```

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```
</head>
```

```
<body>
```

```
<!-- Navigation -->
```

```
<header>
```

```
<nav class="navbar navbar-default navbar-fixed-top">
```

```
<div class="container">
```

```
<div class="navbar-header">
```

```
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
```

```
<span class="sr-only">Toggle navigation</span>
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
</button>
```

```
<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
```

```
</div>
```

```
<div class="collapse navbar-collapse" id="mainnav-collapse">
```

```
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo;&nbsp;&nbsp;<a href="/licenses/">Licenses</a></div>
```

```
<ul class="nav navbar-nav navbar-right">
```

```
<li class="dropdown">
```

```
<a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
```

```
<ul class="dropdown-menu" role="menu">
```

```
<li><a href="/foundation">Overview</a></li>
```

```
<li><a href="/foundation/members.html">Members</a></li>
```

```
<li><a href="/foundation/how-it-works.html">Process</a></li>
```



```

<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
<li><a href="/foundation/contact.html ">Contact</a></li>
</ul>
</li>
<li><a href="/index.html#projects-list">Projects</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
<li><a href="http://people.apache.org/">Overview</a></li>
<li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
<li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
<li><a href="http://planet.apache.org/">Planet Apache</a></li>
  </ul>
</li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
    <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/contributing.html">Donations</a></li>
<li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
<li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
<div class="col-md-9 col-sm-8 col-xs-12">
  

```

```

</div>
<div class="col-md-3 col-sm-4 col-xs-12">
  <div class="input-group" style="margin-bottom: 5px;">
    <script>
(function() {
  var cx = '005703438322411770421:5mgshgrgx2u';
  var gcse = document.createElement('script');
  gcse.type = 'text/javascript';
  gcse.async = true;
  gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
    '//cse.google.com/cse.js?cx=' + cx;
  var s = document.getElementsByTagName('script')[0];
  s.parentNode.insertBefore(gcse, s);
})();
</script>
  <gcse:searchbox-only></gcse:searchbox-only>
</div>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
  <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
  It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
  visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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link">&para;</a></h1>

```

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Please send only one document per email.

If you prefer to sign electronically, please fill the form, save it locally (e.g. `icla.pdf`), and sign the file by preparing a detached PGP signature. For example,

```
<blockquote>
```

```
<p>gpg --armor --detach-sign icla.pdf</p>
```

```
</blockquote>
```

The above will create a file `icla.pdf.asc`. Send both the file and signature as attachments in the same email to secretary@apache.org. Please send only one document (file plus signature) per email. Please do not submit your public key to Apache. Instead, please upload your public key to pgpkeys.mit.edu.

The files typically are named

icla.pdf and icla.pdf.asc for individual agreements;
ccla.pdf and ccla.pdf.asc for corporate agreements;
software-grant.pdf and software-grant.pdf.asc for grants. </p>
<h1 id="crypto">Export restrictions¶</h1>
<p>For export restriction information, please consult our ASF Export
Classifications page.</p>
<h1 id="trademarks">Trademark and Logo Usage<a class="headerlink" href="#trademarks" title="Permanent
link">¶</h1>
<p>For ASF trademark and logo usage information, please consult our ASF
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<h1 id="questions">Questions?¶</h1>
<p>For answers to frequently asked licensing questions, please consult our
Licensing Frequently Asked Questions page.</p></div>

<!-- Footer -->

<footer class="bg-primary">
<div class="container">
<div class="row">

<div class="col-sm-1">

</div>
<div class="col-sm-2">
<h5 class="white">Community</h5>
<ul class="list-unstyled white" role="menu">
Overview
Conferences
Summer of Code
Getting Started
The Apache Way
Travel Assistance
Get Involved
Community FAQ

</div>

<div class="col-sm-2">
<h5 class="white">Innovation</h5>
<ul class="list-unstyled white" role="menu">
Incubator
Labs
Licensing
Licensing FAQ
Trademark Policy
Contacts

</div>

```
<div class="col-sm-2">
<h5 class="white">Tech Operations</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/dev/">Developer Information</a></li>
    <li><a href="/dev/infrastructure.html">Infrastructure</a></li>
    <li><a href="/security/">Security</a></li>
    <li><a href="http://status.apache.org">Status</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/press/">Overview</a></li>
    <li><a href="https://blogs.apache.org/">ASF News</a></li>
    <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
    <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
    <li><a href="/press/#contact">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/legal/">Legal Affairs</a></li>
    <li><a href="/licenses/">Licenses</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-1">
</div>
```

```
</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
  <div class="col-lg-12">
    <p class="text-center">Copyright © 1999-2016 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
```

</div>

</div>

</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>

<script src="/js/bootstrap.js"></script>

</body>

</html>

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: schema-registry

Source: <https://github.com/confluentinc/schema-registry>

Files: *

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Files: debian/*

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1.137 aws-query-protocol 2.17.85

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jar/org/eclipse/jetty/setuid/SetUIDListener.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-
jar/org/eclipse/jetty/setuid/SetUIDServer.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-
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* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-
jar/org/eclipse/jetty/setuid/RLimit.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-
jar/org/eclipse/jetty/setuid/Passwd.java
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ASM: a very small and fast Java bytecode manipulation framework
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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.145 aws-java-sdk-cloudwatchrum 1.12.377

1.145.1 Available under license :

Apache-2.0

1.146 metrics-httpasyncclient 4.0.5

1.146.1 Available under license :

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1.147 lucene-queryparser 5.5.5

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size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0

#1: 32 7648 0x83
#2: 7680 8704 0xa5
#5: 7936 4864 0x7 (freebsd)
#6: 12544 3584 0x7 (freebsd)

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```
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```
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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout-----

__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

| Device | Boot | Start | End | Blocks | Id | System |
|--------|------|-------|-----|--------|----|--------|
|--------|------|-------|-----|--------|----|--------|

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout-----

__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

| Device | Boot | Start | End | Blocks | Id | System |
|-------------|------|-------|------|--------|----|--------|
| __ts_dev__1 | | 2048 | 4095 | 1024 | 83 | Linux |

Create 2st primary partition
1bebf87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8dff51a88a045db233418dd73fbe bsd.img

---layout-----

__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

| Device | Boot | Start | End | Blocks | Id | System |
|-------------|------|-------|-------|--------|----|---------|
| __ts_dev__1 | | 2048 | 4095 | 1024 | 83 | Linux |
| __ts_dev__2 | | 4096 | 20479 | 8192 | a5 | FreeBSD |

Create default BSD

2e1cee529cb59c9341afef0443f196a1 bsd.img

---layout-----

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

4 partitions:

| # | start | end | size | fstype | [fsize | bsize | cpg] |
|----|-------|-------|-------|--------|--------|-------|------|
| c: | 4096 | 20479 | 16384 | unused | 0 | 0 | |
| d: | 0 | 16064 | 16065 | unused | 0 | 0 | |

BSD disklabel command (m for help):

Command (m for help):

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout-----

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

4 partitions:

| # | start | end | size | fstype | [fsize | bsize | cpg] |
|----|-------|-------|-------|--------|--------|-------|------|
| a: | 4096 | 6144 | 2049 | 4.2BSD | 0 | 0 | 0 |
| c: | 4096 | 20479 | 16384 | unused | 0 | 0 | |
| d: | 0 | 16064 | 16065 | unused | 0 | 0 | |

BSD disklabel command (m for help):

Command (m for help):

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

| | | | |
|-------------|------------------|------------|----------|
| 0 unused | 5 4.1BSD | 9 4.4LFS | d boot |
| 1 swap | 6 Eighth Edition | a unknown | e ADOS |
| 2 Version 6 | 7 4.2BSD | b HPFS | f HFS |
| 3 Version 7 | 8 MS-DOS | c ISO-9660 | 10 AdvFS |
| 4 System V | | | |

BSD disklabel command (m for help):

1.149 schema-registry-build-tools 1.1.1

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*/  
-->
```

Found in path(s):

```
* /opt/cola/permits/1463015750_1667606408.5553079/0/schema-registry-build-tools-1-1-1-sources-  
jar/checkstyle.xml  
* /opt/cola/permits/1463015750_1667606408.5553079/0/schema-registry-build-tools-1-1-1-sources-  
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```

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*/
-->

Found in path(s):

* /opt/cola/permits/1463015750_1667606408.5553079/0/schema-registry-build-tools-1-1-1-sources-jar/META-INF/maven/software.amazon.glue/schema-registry-build-tools/pom.xml

1.150 activation 1.1.1

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jar/net/sourceforge/argparse4j/impl/type/EnumStringArgumentType.java
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* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/helper/PrefixPattern.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/SubparserImpl.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/type/ConstructorArgumentType.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/ArgumentGroup.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/VersionArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/UnrecognizedArgumentException.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/Subparsers.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/AppendConstArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/annotation/Arg.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/UnrecognizedCommandException.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/ArgumentType.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/helper/CJKTextWidthCounter.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/helper/TextWidthCounter.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/StoreArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/Namespace.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/StoreFalseArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/FeatureControl.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/choice/CollectionArgumentChoice.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/ArgumentChoice.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/ArgumentGroupImpl.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-

jar/net/sourceforge/argparse4j/impl/type/FileVerification.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/type/EnumArgumentType.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/inf/ArgumentParserException.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/inf/Subparser.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/helper/ASCIITextWidthCounter.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/helper/ReflectHelper.java
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jar/net/sourceforge/argparse4j/internal/ParseState.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/helper/TextHelper.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/action/StoreTrueArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/ArgumentParsers.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/internal/SubparsersImpl.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/inf/Argument.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/internal/ArgumentParserImpl.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/choice/RangeArgumentChoice.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/Arguments.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/action/AppendArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/type/StringArgumentType.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/inf/ArgumentParser.java
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jar/net/sourceforge/argparse4j/impl/action/HelpArgumentAction.java
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jar/net/sourceforge/argparse4j/impl/action/StoreConstArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/internal/ArgumentImpl.java
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jar/net/sourceforge/argparse4j/impl/type/BooleanArgumentType.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/inf/MetavarInference.java

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jar/net/sourceforge/argparse4j/impl/type/ReflectArgumentType.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/action/CountArgumentAction.java

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* /opt/cola/permits/1288583223_1647358914.34/0/jcl-over-slf4j-1-7-36-jar/META-INF/maven/org.slf4j/jcl-over-
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- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/ProviderAdapter.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/ComponentLifecycle.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/security/CustomPermissionsURLClassLoader.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/ComponentMonitorStrategy.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Stored.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/FactoryInjector.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/references/SimpleReference.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Guarded.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/Provider.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/CompositeInjector.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/Injector.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/InjectInto.java

```

* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/references/ThreadLocalMapObjectReference.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/CompositeInjection.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/Injector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/MultiInjector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/ObjectReference.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/Decorated.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/Reinjection.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/references/ThreadLocalReference.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/Reinjector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/MultiInjection.java

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```

* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/AnnotatedFieldInjection.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/NamedFieldInjector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/Automated.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/Locked.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/NameBinding.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/AdaptingBehavior.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/PropertyApplicator.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-

```

jar/org/picocontainer/injectors/AnnotatedFieldInjector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/monitors/LifecycleComponentMonitor.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/PicoContainer.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/Automating.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/ComponentFactory.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/adapters/AbstractAdapter.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/Injectors.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/Characteristics.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/PropertyApplying.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/annotations/Inject.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/containers/TransientPicoContainer.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/DefaultPicoContainer.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/lifecycle/NullLifecycleStrategy.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/parameters/BasicComponentParameter.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/Synchronizing.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/NamedMethodInjector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/PicoVerificationException.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/PicoException.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/annotations/Cache.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/containers/CommandLinePicoContainer.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/TypedFieldInjection.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/adapters/InstanceAdapter.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/TypedFieldInjector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/NamedFieldInjection.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-

jar/org/picocontainer/parameters/CollectionComponentParameter.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/Locking.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/annotations/Nullable.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/Behaviors.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/AbstractInjector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/BehaviorFactory.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/PicoBuilder.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/InjectionFactory.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/AnnotatedMethodInjector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/ImplementationHiding.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/HiddenImplementation.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/parameters/ComponentParameter.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/containers/ImmutablePicoContainer.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/Synchronized.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/SetterInjector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/PicoClassNotFoundException.java

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jar/org/picocontainer/lifecycle/LifecycleState.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/lifecycle/StartableLifecycleStrategy.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/visitors/MethodCallingVisitor.java

* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/lifecycle/AbstractMonitoringLifecycleStrategy.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/visitors/TraversalCheckingVisitor.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/converters/Converter.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/lifecycle/ReflectionLifecycleStrategy.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/PicoVisitor.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/ComponentAdapter.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/lifecycle/JavaEE5LifecycleStrategy.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/Converters.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/LifecycleStrategy.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/visitors/VerifyingVisitor.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/lifecycle/DefaultLifecycleState.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/lifecycle/CompositeLifecycleStrategy.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/lifecycle/ReflectionLifecycleException.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/visitors/AbstractPicoVisitor.java

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jar/org/picocontainer/monitors/ComponentMonitorHelper.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/monitors/WriterComponentMonitor.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/monitors/ConsoleComponentMonitor.java
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* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
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jar/org/picocontainer/behaviors/Decorating.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/FieldDecorating.java
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* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/MutablePicoContainer.java
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- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/MethodInjector.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Intercepting.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/PicoLifecycleException.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/ForgetfulConstructorInjection.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Intercepted.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/containers/SystemPropertiesPicoContainer.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/containers/CommandLineArgumentsPicoContainer.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/ParameterNameBinding.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/parameters/AbstractParameter.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/SingleMemberInjector.java

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- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/monitors/ComposingMonitor.java

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- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/classname/ClassName.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/classname/ClassLoadingPicoContainer.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/parameters/DefaultConstructorParameter.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/classname/DefaultClassLoadingPicoContainer.java
- * /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/parameters/NullParameter.java

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jar/org/picocontainer/Disposable.java
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* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/containers/EmptyPicoContainer.java
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jar/org/picocontainer/behaviors/ThreadCached.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/behaviors/Guarding.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-
jar/org/picocontainer/injectors/SetterInjection.java
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* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/MethodInjection.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/AnnotatedMethodInjection.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/AdaptingInjection.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/ConstructorInjection.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/ThreadCaching.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/injectors/ConstructorInjector.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Storing.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Caching.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/PicoCompositionException.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/OptInCaching.java
* /opt/cola/permits/1266565840_1644246713.67/0/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Cached.java

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`analysis/common/src/java/net/sf/snowball`

were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in

`analysis/common/src/resources/org/apache/lucene/analysis/snowball`

were developed by Martin Porter and Richard Boulton.

The full snowball package is available from

<http://snowball.tartarus.org/>

The KStem stemmer in

`analysis/common/src/org/apache/lucene/analysis/en`

was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst) under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

`analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,`

`analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,`

`analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,`

`analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,`

`analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt`

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

`analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java`

The Stempel analyzer (stempel) includes BSD-licensed software developed

by the Egothor project <http://egothor.sf.net/>, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in `stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt`. See <http://project.carrot2.org/license.html>.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `{ case (a, b) => ... }`

```
val x: ((Int, Int) => Int) = (((a, b)) => a)
      ^
```

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `{ case (param1, param2) => ... }`

```
val y: ((Int, Int, Int) => Int) = (((a, !)) => a)
      ^
```

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple3,

or consider a pattern matching anonymous function: `{ case (param1, ..., param3) => ... }`

```
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)
      ^
```

three errors found

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jar/android/annotation/SuppressWarnings.java
* /opt/cola/permits/1258811491_1643111603.33/0/annotations-4-1-1-4-sources-
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1.212 dagger 2.4

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```
*/opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/DelegateFactory.java
*/opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/MapKey.java
*/opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/MapFactory.java
*/opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/Component.java
*/opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/InstanceFactory.java
*/opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/SingleCheck.java
*/opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/Factory.java
*/opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/MapProviderFactory.java
*/opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/Collections.java
*/opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/SetFactory.java
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* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/package-info.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/multibindings/IntKey.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/multibindings/StringKey.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/multibindings/LongKey.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/Beta.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/multibindings/ClassKey.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/Subcomponent.java
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* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/ProviderOfLazy.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/Binds.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/Preconditions.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/internal/DoubleCheck.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/multibindings/ElementsIntoSet.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/multibindings/IntoMap.java
* /opt/cola/permits/1257772315_1643010337.24/0/dagger-2-4-sources-jar/dagger/multibindings/package-info.java
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1.213 client-spi 2.17.85

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Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.jersey2
Build-Jdk-Spec: 1.8
Bundle-Description: A set of class providing Metrics integration for Jersey, the reference JAX-RS implementation.
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>
Bundle-ManifestVersion: 2
Bundle-Name: Metrics Integration for Jersey 2.x
Bundle-SymbolicName: io.dropwizard.metrics.jersey2
Bundle-Version: 4.1.33
Created-By: Apache Maven Bundle Plugin 5.1.8
Export-Package: com.codahale.metrics.jersey2;uses:="com.codahale.metrics, javax.ws.rs.core, javax.ws.rs.ext, org.glassfish.jersey.server.model, org.glassfish.jersey.server.monitoring";version="4.1.33"
Implementation-Title: Metrics Integration for Jersey 2.x
Implementation-Version: 4.1.33
Import-Package: com.codahale.metrics;version="[4.1,5)", com.codahale.metrics.annotation;version="[4.1,5)", javax.ws.rs.core;version="[2.1,3)", javax.ws.rs.ext;version="[2.1,3)", org.glassfish.jersey.server;version="[2.36,3)", org.glassfish.jersey.server.model;version="[2.36,3)", org.glassfish.jersey.server.monitoring;version="[2.36,3)"
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

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* /opt/cola/permits/1480501859_1668971440.221243/0/metrics-jersey2-4-1-33-jar/META-INF/MANIFEST.MF

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* /opt/cola/permits/1636777502_1681745629.7593193/0/aws-java-sdk-nimblestudio-1-12-377-sources-jar/com/amazonaws/services/nimblestudio/model/UpdateStudioResult.java

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* /opt/cola/permits/1636777502_1681745629.7593193/0/aws-java-sdk-nimblestudio-1-12-377-sources-jar/com/amazonaws/services/nimblestudio/model/UpdateStreamingImageRequest.java

* /opt/cola/permits/1636777502_1681745629.7593193/0/aws-java-sdk-nimblestudio-1-12-377-sources-jar/com/amazonaws/services/nimblestudio/model/transform/DeleteStreamingImageResultJsonUnmarshaller.java

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* /opt/cola/permits/1636777502_1681745629.7593193/0/aws-java-sdk-nimblestudio-1-12-377-sources-

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jar/com/amazonaws/services/nimblestudio/model/ListEulaAcceptancesRequest.java
* /opt/cola/permits/1636777502_1681745629.7593193/0/aws-java-sdk-nimblestudio-1-12-377-sources-
jar/com/amazonaws/services/nimblestudio/model/LaunchProfileValidationType.java
* /opt/cola/permits/1636777502_1681745629.7593193/0/aws-java-sdk-nimblestudio-1-12-377-sources-
jar/com/amazonaws/services/nimblestudio/model/transform/UpdateStudioResultJsonUnmarshaller.java
```

1.222 scala 2.12.10.v20190904-150159- VFINAL-61701c2

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `{ case (a, b) => ... }`

```
val x: ((Int, Int) => Int) = (((a, b)) => a)
```

^

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `{ case (param1, param2) => ... }`

```
val y: ((Int, Int, Int) => Int) = (((a, !)) => a)
```

^

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple3,

or consider a pattern matching anonymous function: `{ case (param1, ..., param3) => ... }`

```
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)
```

^

three errors found

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1.225 jul-to-slf4j 1.7.36

1.225.1 Available under license :

No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1281455938_1646319090.87/0/jul-to-slf4j-1-7-36-sources-jar/org/slf4j/bridge/SLF4JBridgeHandler.java

1.226 aws-java-sdk-cloudfront 1.12.377

1.226.1 Available under license :

Apache-2.0

1.227 antlr-runtime 4.1

1.228 httpasyncclient 4.1.3

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* Rob Earhart
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* Rob Siemborski
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1.238 jakarta-validation-api 2.0.2

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jar/javax/validation/Validator.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/CascadableDescriptor.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintTarget.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/FutureOrPresent.java  
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jar/javax/validation/constraints/Null.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintValidatorContext.java
```

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ExecutableDescriptor.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/Default.java

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* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/GroupConversionDescriptor.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ExtractedValue.java

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* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Payload.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMin.java
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1.239 bind 9.11.4-26.P2.el7_9.13

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* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

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* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* `admin/check-style.sh`, `admin/check-style-common.awk`,

admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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```
=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
  <xsl:if test="translate($rest, '&#9;&#32;', '')">
    <xsl:call-template name="isc.copyright.format">
      <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
  <xsl:text>
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  </xsl:text>
</xsl:variable>
```

```

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
        <xsl:value-of select="holder"/>
        <xsl:value-of select="$isc.copyright.breakline"/>
        <xsl:text>&#10;</xsl:text>
      </xsl:for-each>
      <xsl:value-of select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>

```

<!--

- Local variables:
- mode: sgml
- End:

-->

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jar/software/amazon/awssdk/services/elasticsearch/model/AddTagsResponse.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-
jar/software/amazon/awssdk/services/elasticsearch/model/UpgradeStep.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-
jar/software/amazon/awssdk/services/elasticsearch/transform/DeleteElasticsearchDomainRequestMarshaller.java
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jar/software/amazon/awssdk/services/elasticsearch/model/ElasticsearchDomainConfig.java
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jar/software/amazon/awssdk/services/elasticsearch/model/PurchaseReservedElasticsearchInstanceOfferingResponse.
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jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchClientBuilder.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-
jar/software/amazon/awssdk/services/elasticsearch/model/CognitoOptionsStatus.java
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jar/software/amazon/awssdk/services/elasticsearch/model/ValidationException.java
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jar/software/amazon/awssdk/services/elasticsearch/model/ElasticsearchResponseMetadata.java
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jar/software/amazon/awssdk/services/elasticsearch/transform/UpdateElasticsearchDomainConfigRequestMarshaller.
java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-
jar/software/amazon/awssdk/services/elasticsearch/model/LimitsByRoleCopier.java
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jar/software/amazon/awssdk/services/elasticsearch/model/UpgradeElasticsearchDomainRequest.java
```


* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/GetCompatibleElasticsearchVersionsResponse.java

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* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/StorageType.java

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* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/transform/DescribeElasticsearchDomainConfigRequestMarshaller.java

* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/DescribeReservedElasticsearchInstancesRequest.java

* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/DefaultElasticsearchClientBuilder.java

* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/LimitValueListCopier.java

* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/AdditionalLimitListCopier.java

* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/LogType.java

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* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/ElasticsearchDomainStatus.java

* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/paginators/DescribeReservedElasticsearchInstanceOfferingsIterable.java

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* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/NodeToNodeEncryptionOptionsStatus.java

* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchBaseClientBuilder.java

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jar/software/amazon/awssdk/services/elasticsearch/model/SnapshotOptionsStatus.java
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* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-
jar/software/amazon/awssdk/services/elasticsearch/model/DescribeReservedElasticsearchInstanceOfferingsRequest.java
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* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/DeleteElasticsearchServiceRoleRequest.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/transform/ListElasticsearchInstanceTypesRequestMarshaller.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/VPCDerivedInfoStatus.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/UpgradeStatus.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/ZoneAwarenessConfig.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/transform/GetCompatibleElasticsearchVersionsRequestMarshaller.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/EncryptionAtRestOptionsStatus.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/paginators/ListElasticsearchInstanceTypesPublisher.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/ReservedElasticsearchInstanceListCopier.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/ElasticsearchInstanceTypeListCopier.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/DomainNameListCopier.java

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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/META-INF/maven/software.amazon.awssdk/elasticsearch/pom.xml

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*/

/**

* <p>

* Allows you to either upgrade your domain or perform an Upgrade eligibility check to a compatible Elasticsearch

* version.

* </p>

*

* @param upgradeElasticsearchDomainRequest

* Container for request parameters to `<a>UpgradeElasticsearchDomain` operation.

* @return A Java Future containing the result of the UpgradeElasticsearchDomain operation returned by the service.

* The CompletableFuture returned by this method can be completed exceptionally with the following exceptions.

*

* BaseException An error occurred while processing the request.

* ResourceNotFoundException An exception for accessing or deleting a resource that does not exist.

* Gives http status code of 400.

* ResourceAlreadyExistsException An exception for creating a resource that already exists. Gives http status code of 400.

* DisabledOperationException An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.

* ValidationException An exception for missing / invalid input fields. Gives http status code of 400.

* InternalException The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.

* SdkException Base class for all exceptions that can be thrown by the SDK (both service and client).

* Can be used for catch all scenarios.

- * SdkClientException If any client side error occurs such as an IO related failure, failure to get credentials, etc.
- * ElasticsearchException Base class for all service exceptions. Unknown exceptions will be thrown as an instance of this type.
- *
- * @sample ElasticsearchAsyncClient.UpgradeElasticsearchDomain
- */

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/DefaultElasticsearchAsyncClient.java
* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchAsyncClient.java
```

No license file was found, but licenses were detected in source scan.

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{
  "customizationConfig" : {
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    "blacklistedSimpleMethods" : [ ],
    "calculateCrc32FromCompressedData" : false,
    "convenienceTypeOverloads" : [ ],
    "customErrorCodeFieldName" : null,
    "customProtocolFactoryFqcn" : null,
    "customResponseMetadata" : null,
    "customRetryPolicy" : null,
    "customServiceMetadata" : null,
    "defaultSimpleMethodTestRegion" : null,
    "deprecatedOperations" : [ ],
    "deprecatedShapes" : [ ],
    "excludeClientCreateMethod" : false,
    "modelMarshallerDefaultValueSupplier" : { },
    "operationModifiers" : null,
    "paginationCustomization" : null,
    "renameShapes" : null,
    "sdkModeledExceptionBaseClassName" : null,
    "sdkRequestBaseClassName" : null,
    "sdkResponseBaseClassName" : null,
    "serviceSpecificClientConfigClass" : null,
    "serviceSpecificHttpConfig" : null,
    "shapeModifiers" : null,
    "shapeSubstitutions" : null,
    "shareModelConfig" : null,
    "skipSyncClientGeneration" : false,
    "useAutoConstructList" : true,
    "useAutoConstructMap" : true,
    "verifiedSimpleMethods" : [ "deleteElasticsearchServiceRole", "describeReservedElasticsearchInstanceOfferings",
"describeReservedElasticsearchInstances", "getCompatibleElasticsearchVersions", "listDomainNames",
"listElasticsearchVersions" ]
  }
}
```

```

},
"metadata" : {
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  "asyncBuilder" : "DefaultElasticsearchAsyncClientBuilder",
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  "asyncClient" : "DefaultElasticsearchAsyncClient",
  "asyncInterface" : "ElasticsearchAsyncClient",
  "authPolicyPackageName" : null,
  "authType" : "V4",
  "baseBuilder" : "DefaultElasticsearchBaseClientBuilder",
  "baseBuilderInterface" : "ElasticsearchBaseClientBuilder",
  "baseExceptionName" : "ElasticsearchException",
  "baseRequestName" : "ElasticsearchRequest",
  "baseResponseName" : "ElasticsearchResponse",
  "cborProtocol" : false,
  "clientPackageName" : "elasticsearch",
  "contentType" : null,
  "defaultEndpoint" : null,
  "defaultEndpointWithoutHttpProtocol" : null,
  "defaultRegion" : null,
  "descriptiveServiceName" : "Amazon Elasticsearch Service",
  "documentation" : "<fullname>Amazon Elasticsearch Configuration Service</fullname> <p>Use the Amazon
Elasticsearch configuration API to create, configure, and manage Elasticsearch domains.</p> <p>The endpoint for
configuration service requests is region-specific: es.<i>region</i>.amazonaws.com. For example, es.us-east-
1.amazonaws.com. For a current list of supported regions and endpoints, see <a
href=\"http://docs.aws.amazon.com/general/latest/gr/rande.html#elasticsearch-service-regions\"
target=\"_blank\">Regions and Endpoints</a>.</p>",
  "endpointPrefix" : "es",
  "fullAuthPolicyPackageName" : "software.amazon.awssdk.services",
  "fullClientPackageName" : "software.amazon.awssdk.services.elasticsearch",
  "fullModelPackageName" : "software.amazon.awssdk.services.elasticsearch.model",
  "fullPaginatorsPackageName" : "software.amazon.awssdk.services.elasticsearch.paginators",
  "fullRequestTransformPackageName" : "software.amazon.awssdk.services.elasticsearch.transform",
  "fullTransformPackageName" : "software.amazon.awssdk.services.elasticsearch.transform",
  "ionProtocol" : false,
  "jsonProtocol" : true,
  "jsonVersion" : "1.1",
  "modelPackageName" : "elasticsearch.model",
  "paginatorsPackageName" : "elasticsearch.paginators",
  "protocol" : "rest-json",
  "requestTransformPackageName" : "elasticsearch.transform",
  "requiresApiKey" : false,
  "requiresIamSigners" : false,
  "rootPackageName" : "software.amazon.awssdk.services",
  "serviceName" : "Elasticsearch",
  "signingName" : "es",
  "syncBuilder" : "DefaultElasticsearchClientBuilder",
  "syncBuilderInterface" : "ElasticsearchClientBuilder",

```

```

"syncClient" : "DefaultElasticsearchClient",
"syncInterface" : "ElasticsearchClient",
"transformPackageName" : "elasticsearch.transform",
"uid" : "es-2015-01-01",
"xmlProtocol" : false
},
"operations" : {
  "AddTags" : {
    "authenticated" : true,
    "deprecated" : false,
    "documentation" : "<p>Attaches tags to an existing Elasticsearch domain. Tags are a set of case-sensitive key
value pairs. An Elasticsearch domain may have up to 10 tags. See <a
href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-
manageddomains-awsresorcetagging\"' target='\"_blank\"'> Tagging Amazon Elasticsearch Service Domains for more
information.</a></p>",
    "endpointDiscovery" : null,
    "endpointOperation" : false,
    "endpointTrait" : null,
    "exceptions" : [ {
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      "documentation" : "<p>An error occurred while processing the request.</p>",
      "httpStatusCode" : null
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      "exceptionName" : "LimitExceededException",
      "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>",
      "httpStatusCode" : 409
    }, {
      "exceptionName" : "ValidationException",
      "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
      "httpStatusCode" : 400
    }, {
      "exceptionName" : "InternalException",
      "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
      "httpStatusCode" : 500
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    "hasBlobMemberAsPayload" : false,
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      "variableDeclarationType" : "AddTagsRequest",
      "variableName" : "addTagsRequest",
      "variableType" : "AddTagsRequest",
      "documentation" : "<p>Container for the parameters to the <code><a>AddTags</a></code> operation. Specify
the tags that you want to attach to the Elasticsearch domain.</p>",
      "simpleType" : "AddTagsRequest",
      "variableSetterType" : "AddTagsRequest"
    },
    "methodName" : "addTags",

```

```

"operationName" : "AddTags",
"paginated" : false,
"returnType" : {
  "returnType" : "AddTagsResponse",
  "documentation" : null
},
"syncReturnType" : "AddTagsResponse"
},
"CancelElasticsearchServiceSoftwareUpdate" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Cancels a scheduled service software update for an Amazon ES domain. You can only perform this operation before the <code>AutomatedUpdateDate</code> and when the <code>UpdateStatus</code> is in the <code>PENDING_UPDATE</code> state.</p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
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    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
    "httpStatusCode" : 500
  }, {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "httpStatusCode" : 400
  } ],
  "hasBlobMemberAsPayload" : false,
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    "documentation" : "<p>Container for the parameters to the <code><a>CancelElasticsearchServiceSoftwareUpdate</a></code> operation. Specifies the name of the Elasticsearch domain that you wish to cancel a service software update on.</p>",
    "simpleType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
    "variableSetterType" : "CancelElasticsearchServiceSoftwareUpdateRequest"
  },
  "methodName" : "cancelElasticsearchServiceSoftwareUpdate",

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```

"operationName" : "CancelElasticsearchServiceSoftwareUpdate",
"paginated" : false,
"returnType" : {
  "returnType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "documentation" : "<p>The result of a <code>CancelElasticsearchServiceSoftwareUpdate</code> operation.
Contains the status of the update.</p>"
},
"syncReturnType" : "CancelElasticsearchServiceSoftwareUpdateResponse"
},
"CreateElasticsearchDomain" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Creates a new Elasticsearch domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service
Developer Guide</i>.</p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
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    "documentation" : "<p>An error occurred while processing the request.</p>",
    "httpStatusCode" : null
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    "exceptionName" : "DisabledOperationException",
    "documentation" : "<p>An error occured because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
    "httpStatusCode" : 500
  }, {
    "exceptionName" : "InvalidTypeException",
    "documentation" : "<p>An exception for trying to create or access sub-resource that is either invalid or not
supported. Gives http status code of 409.</p>",
    "httpStatusCode" : 409
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    "exceptionName" : "LimitExceededException",
    "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ResourceAlreadyExistsException",
    "documentation" : "<p>An exception for creating a resource that already exists. Gives http status code of
400.</p>",
    "httpStatusCode" : 409
  }
]
}

```

```

}, {
  "exceptionName": "ValidationException",
  "documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
  "statusCode": 400
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  "variableType": "CreateElasticsearchDomainRequest",
  "documentation": "",
  "simpleType": "CreateElasticsearchDomainRequest",
  "variableSetterType": "CreateElasticsearchDomainRequest"
},
"methodName": "createElasticsearchDomain",
"operationName": "CreateElasticsearchDomain",
"paginated": false,
"returnType": {
  "returnType": "CreateElasticsearchDomainResponse",
  "documentation": "<p>The result of a <code>CreateElasticsearchDomain</code> operation. Contains the status of the newly created Elasticsearch domain.</p>"
},
"syncReturnType": "CreateElasticsearchDomainResponse"
},
"DeleteElasticsearchDomain": {
  "authenticated": true,
  "deprecated": false,
  "documentation": "<p>Permanently deletes the specified Elasticsearch domain and all of its data. Once a domain is deleted, it cannot be recovered.</p>",
  "endpointDiscovery": null,
  "endpointOperation": false,
  "endpointTrait": null,
  "exceptions": [ {
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    "documentation": "<p>An error occurred while processing the request.</p>",
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operation. Specifies the name of the Elasticsearch domain that you want to delete.</p>",
    "simpleType" : "DeleteElasticsearchDomainRequest",
    "variableSetterType" : "DeleteElasticsearchDomainRequest"
  },
  "methodName" : "deleteElasticsearchDomain",
  "operationName" : "DeleteElasticsearchDomain",
  "paginated" : false,
  "returnType" : {
    "returnType" : "DeleteElasticsearchDomainResponse",
    "documentation" : "<p>The result of a <code>DeleteElasticsearchDomain</code> request. Contains the status
of the pending deletion, or no status if the domain and all of its resources have been deleted.</p>"
  },
  "syncReturnType" : "DeleteElasticsearchDomainResponse"
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"DeleteElasticsearchServiceRole" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Deletes the service-linked role that Elasticsearch Service uses to manage and maintain
VPC domains. Role deletion will fail if any existing VPC domains use the role. You must delete any such
Elasticsearch domains before deleting the role. See <a href='\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-enabling-slr\"' target='_blank'>Deleting Elasticsearch Service
Role</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.</p>",
  "endpointDiscovery" : null,
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    "documentation" : "<p>An error occurred while processing the request.</p>",
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    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
    "statusCode" : 500
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    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
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} ],

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  "variableSetterType" : "DeleteElasticsearchServiceRoleRequest"
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"returnType" : {
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  "documentation" : null
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"DescribeElasticsearchDomain" : {
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  "deprecated" : false,
  "documentation" : "<p>Returns domain configuration information about the specified Elasticsearch domain, including the domain ID, domain endpoint, and domain ARN.</p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
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    "documentation" : "<p>An error occurred while processing the request.</p>",
    "httpStatusCode" : null
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    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
    "httpStatusCode" : 500
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    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "httpStatusCode" : 400
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    "documentation" : "<p>Container for the parameters to the
<code><a>DescribeElasticsearchDomain</a></code> operation.</p>",
    "simpleType" : "DescribeElasticsearchDomainRequest",
    "variableSetterType" : "DescribeElasticsearchDomainRequest"
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  "returnType" : {
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    "documentation" : "<p>The result of a <code>DescribeElasticsearchDomain</code> request. Contains the
status of the domain specified in the request.</p>"
  },
  "syncReturnType" : "DescribeElasticsearchDomainResponse"
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"DescribeElasticsearchDomainConfig" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Provides cluster configuration information about the specified Elasticsearch domain, such
as the state, creation date, update version, and update date for cluster options.</p>",
  "endpointDiscovery" : null,
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  "endpointTrait" : null,
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failure is internal to the service) . Gives http status code of 500.</p>",
    "httpStatusCode" : 500
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    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "httpStatusCode" : 400
  } ],
  "hasBlobMemberAsPayload" : false,
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    "documentation" : "<p> Container for the parameters to the
<code>DescribeElasticsearchDomainConfig</code> operation. Specifies the domain name for which you want
configuration information.</p>",
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    "variableSetterType" : "DescribeElasticsearchDomainConfigRequest"
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    "documentation" : "<p>The result of a <code>DescribeElasticsearchDomainConfig</code> request. Contains
the configuration information of the requested domain.</p>"
  },
  "syncReturnType" : "DescribeElasticsearchDomainConfigResponse"
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"DescribeElasticsearchDomains" : {
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  "documentation" : "<p>Returns domain configuration information about the specified Elasticsearch domains,
including the domain ID, domain endpoint, and domain ARN.</p>",
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  "endpointOperation" : false,
  "endpointTrait" : null,
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    "httpStatusCode" : null
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    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
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    "variableDeclarationType" : "DescribeElasticsearchDomainsRequest",
    "variableName" : "describeElasticsearchDomainsRequest",
    "variableType" : "DescribeElasticsearchDomainsRequest",
    "documentation" : "<p>Container for the parameters to the
<code><a>DescribeElasticsearchDomains</a></code> operation. By default, the API returns the status of all
Elasticsearch domains.</p>",
    "simpleType" : "DescribeElasticsearchDomainsRequest",

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    "variableSetterType" : "DescribeElasticsearchDomainsRequest"
  },
  "methodName" : "describeElasticsearchDomains",
  "operationName" : "DescribeElasticsearchDomains",
  "paginated" : false,
  "returnType" : {
    "returnType" : "DescribeElasticsearchDomainsResponse",
    "documentation" : "<p>The result of a <code>DescribeElasticsearchDomains</code> request. Contains the
status of the specified domains or all domains owned by the account.</p>"
  },
  "syncReturnType" : "DescribeElasticsearchDomainsResponse"
},
"DescribeElasticsearchInstanceTypeLimits" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p> Describe Elasticsearch Limits for a given InstanceType and ElasticsearchVersion. When
modifying existing Domain, specify the <code> <a>DomainName</a> </code> to know what Limits are supported
for modifying. </p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "httpStatusCode" : null
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
    "httpStatusCode" : 500
  }, {
    "exceptionName" : "InvalidTypeException",
    "documentation" : "<p>An exception for trying to create or access sub-resource that is either invalid or not
supported. Gives http status code of 409.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "LimitExceededException",
    "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",

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    "statusCode": 400
  } ],
  "hasBlobMemberAsPayload": false,
  "input": {
    "variableDeclarationType": "DescribeElasticsearchInstanceTypeLimitsRequest",
    "variableName": "describeElasticsearchInstanceTypeLimitsRequest",
    "variableType": "DescribeElasticsearchInstanceTypeLimitsRequest",
    "documentation": "<p> Container for the parameters to <code>
<a>DescribeElasticsearchInstanceTypeLimits</a> </code> operation. </p>",
    "simpleType": "DescribeElasticsearchInstanceTypeLimitsRequest",
    "variableSetterType": "DescribeElasticsearchInstanceTypeLimitsRequest"
  },
  "methodName": "describeElasticsearchInstanceTypeLimits",
  "operationName": "DescribeElasticsearchInstanceTypeLimits",
  "paginated": false,
  "returnType": {
    "returnType": "DescribeElasticsearchInstanceTypeLimitsResponse",
    "documentation": "<p> Container for the parameters received from <code>
<a>DescribeElasticsearchInstanceTypeLimits</a> </code> operation. </p>"
  },
  "syncReturnType": "DescribeElasticsearchInstanceTypeLimitsResponse"
},
"DescribeReservedElasticsearchInstanceOfferings": {
  "authenticated": true,
  "deprecated": false,
  "documentation": "<p>Lists available reserved Elasticsearch instance offerings.</p>",
  "endpointDiscovery": null,
  "endpointOperation": false,
  "endpointTrait": null,
  "exceptions": [ {
    "exceptionName": "ResourceNotFoundException",
    "documentation": "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
    "statusCode": 409
  }, {
    "exceptionName": "ValidationException",
    "documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "statusCode": 400
  }, {
    "exceptionName": "DisabledOperationException",
    "documentation": "<p>An error occurred because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
    "statusCode": 409
  }, {
    "exceptionName": "InternalException",
    "documentation": "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
    "statusCode": 500
  }
]
}

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    } ],
    "hasBlobMemberAsPayload" : false,
    "input" : {
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      "variableName" : "describeReservedElasticsearchInstanceOfferingsRequest",
      "variableType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
      "documentation" : "<p>Container for parameters to
<code>DescribeReservedElasticsearchInstanceOfferings</code></p>",
      "simpleType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
      "variableSetterType" : "DescribeReservedElasticsearchInstanceOfferingsRequest"
    },
    "methodName" : "describeReservedElasticsearchInstanceOfferings",
    "operationName" : "DescribeReservedElasticsearchInstanceOfferings",
    "paginated" : true,
    "returnType" : {
      "returnType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
      "documentation" : "<p>Container for results from
<code>DescribeReservedElasticsearchInstanceOfferings</code></p>"
    },
    "syncReturnType" : "DescribeReservedElasticsearchInstanceOfferingsResponse"
  },
  "DescribeReservedElasticsearchInstances" : {
    "authenticated" : true,
    "deprecated" : false,
    "documentation" : "<p>Returns information about reserved Elasticsearch instances for this account.</p>",
    "endpointDiscovery" : null,
    "endpointOperation" : false,
    "endpointTrait" : null,
    "exceptions" : [ {
      "exceptionName" : "ResourceNotFoundException",
      "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
      "statusCode" : 409
    }, {
      "exceptionName" : "InternalException",
      "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
      "statusCode" : 500
    }, {
      "exceptionName" : "ValidationException",
      "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
      "statusCode" : 400
    }, {
      "exceptionName" : "DisabledOperationException",
      "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
      "statusCode" : 409
    }
  ]
} ],

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"hasBlobMemberAsPayload" : false,
"input" : {
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  "variableName" : "describeReservedElasticsearchInstancesRequest",
  "variableType" : "DescribeReservedElasticsearchInstancesRequest",
  "documentation" : "<p>Container for parameters to
<code>DescribeReservedElasticsearchInstances</code></p>",
  "simpleType" : "DescribeReservedElasticsearchInstancesRequest",
  "variableSetterType" : "DescribeReservedElasticsearchInstancesRequest"
},
"methodName" : "describeReservedElasticsearchInstances",
"operationName" : "DescribeReservedElasticsearchInstances",
"paginated" : true,
"returnType" : {
  "returnType" : "DescribeReservedElasticsearchInstancesResponse",
  "documentation" : "<p>Container for results from
<code>DescribeReservedElasticsearchInstances</code></p>"
},
"syncReturnType" : "DescribeReservedElasticsearchInstancesResponse"
},
"GetCompatibleElasticsearchVersions" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Returns a list of upgrade compatible Elastisearch versions. You can optionally pass a
<code> <a>DomainName</a> </code> to get all upgrade compatible Elasticsearch versions for that specific
domain. </p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "httpStatusCode" : null
  }, {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "DisabledOperationException",
    "documentation" : "<p>An error occured because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "httpStatusCode" : 400
  }, {

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    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
    "statusCode" : 500
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
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    "variableName" : "getCompatibleElasticsearchVersionsRequest",
    "variableType" : "GetCompatibleElasticsearchVersionsRequest",
    "documentation" : "<p> Container for request parameters to <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
    "simpleType" : "GetCompatibleElasticsearchVersionsRequest",
    "variableSetterType" : "GetCompatibleElasticsearchVersionsRequest"
  },
  "methodName" : "getCompatibleElasticsearchVersions",
  "operationName" : "GetCompatibleElasticsearchVersions",
  "paginated" : false,
  "returnType" : {
    "returnType" : "GetCompatibleElasticsearchVersionsResponse",
    "documentation" : "<p> Container for response returned by <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>"
  },
  "syncReturnType" : "GetCompatibleElasticsearchVersionsResponse"
},
"GetUpgradeHistory" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Retrieves the complete history of the last 10 upgrades that were performed on the domain.</p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "statusCode" : null
  }, {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "DisabledOperationException",
    "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
    "statusCode" : 409
  }, {

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"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
}, {
"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
"httpStatusCode" : 500
} ],
"hasBlobMemberAsPayload" : false,
"input" : {
"variableDeclarationType" : "GetUpgradeHistoryRequest",
"variableName" : "getUpgradeHistoryRequest",
"variableType" : "GetUpgradeHistoryRequest",
"documentation" : "<p> Container for request parameters to <code> <a>GetUpgradeHistory</a> </code> operation. </p>",
"simpleType" : "GetUpgradeHistoryRequest",
"variableSetterType" : "GetUpgradeHistoryRequest"
},
"methodName" : "getUpgradeHistory",
"operationName" : "GetUpgradeHistory",
"paginated" : true,
"returnType" : {
"returnType" : "GetUpgradeHistoryResponse",
"documentation" : "<p> Container for response returned by <code> <a>GetUpgradeHistory</a> </code> operation. </p>"
},
"syncReturnType" : "GetUpgradeHistoryResponse"
},
"GetUpgradeStatus" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Retrieves the latest status of the last upgrade or upgrade eligibility check that was performed on the domain.</p>",
"endpointDiscovery" : null,
"endpointOperation" : false,
"endpointTrait" : null,
"exceptions" : [ {
"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
"httpStatusCode" : null
}, {
"exceptionName" : "ResourceNotFoundException",
"documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
"httpStatusCode" : 409
}, {
"exceptionName" : "DisabledOperationException",

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    "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "statusCode" : 400
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
    "statusCode" : 500
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "GetUpgradeStatusRequest",
    "variableName" : "getUpgradeStatusRequest",
    "variableType" : "GetUpgradeStatusRequest",
    "documentation" : "<p> Container for request parameters to <code> <a>GetUpgradeStatus</a> </code>
operation. </p>",
    "simpleType" : "GetUpgradeStatusRequest",
    "variableSetterType" : "GetUpgradeStatusRequest"
  },
  "methodName" : "getUpgradeStatus",
  "operationName" : "GetUpgradeStatus",
  "paginated" : false,
  "returnType" : {
    "returnType" : "GetUpgradeStatusResponse",
    "documentation" : "<p> Container for response returned by <code> <a>GetUpgradeStatus</a> </code>
operation. </p>"
  },
  "syncReturnType" : "GetUpgradeStatusResponse"
},
"ListDomainNames" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Returns the name of all Elasticsearch domains owned by the current user's account.
</p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "statusCode" : null
  } ],
  "exceptionName" : "ValidationException",
  "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",

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    "statusCode" : 400
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "ListDomainNamesRequest",
    "variableName" : "listDomainNamesRequest",
    "variableType" : "ListDomainNamesRequest",
    "documentation" : null,
    "simpleType" : "ListDomainNamesRequest",
    "variableSetterType" : "ListDomainNamesRequest"
  },
  "methodName" : "listDomainNames",
  "operationName" : "ListDomainNames",
  "paginated" : false,
  "returnType" : {
    "returnType" : "ListDomainNamesResponse",
    "documentation" : "<p>The result of a <code>ListDomainNames</code> operation. Contains the names of all
Elasticsearch domains owned by this account.</p>"
  },
  "syncReturnType" : "ListDomainNamesResponse"
},
"ListElasticsearchInstanceTypes" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>List all Elasticsearch instance types that are supported for given
ElasticsearchVersion</p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "statusCode" : null
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
    "statusCode" : 500
  }, {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "statusCode" : 400
  }
]
} ],

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"input" : {
  "variableDeclarationType" : "ListElasticsearchInstanceTypesRequest",
  "variableName" : "listElasticsearchInstanceTypesRequest",
  "variableType" : "ListElasticsearchInstanceTypesRequest",
  "documentation" : "<p> Container for the parameters to the <code> <a>ListElasticsearchInstanceTypes</a>
</code> operation. </p>",
  "simpleType" : "ListElasticsearchInstanceTypesRequest",
  "variableSetterType" : "ListElasticsearchInstanceTypesRequest"
},
"methodName" : "listElasticsearchInstanceTypes",
"operationName" : "ListElasticsearchInstanceTypes",
"paginated" : true,
"returnType" : {
  "returnType" : "ListElasticsearchInstanceTypesResponse",
  "documentation" : "<p> Container for the parameters returned by <code>
<a>ListElasticsearchInstanceTypes</a> </code> operation. </p>"
},
"syncReturntype" : "ListElasticsearchInstanceTypesResponse"
},
"ListElasticsearchVersions" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>List all supported Elasticsearch versions</p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "statusCode" : null
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
    "statusCode" : 500
  }, {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "statusCode" : 400
  }
  ],
  "hasBlobMemberAsPayload" : false,
  "input" : {

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    "variableDeclarationType" : "ListElasticsearchVersionsRequest",
    "variableName" : "listElasticsearchVersionsRequest",
    "variableType" : "ListElasticsearchVersionsRequest",
    "documentation" : "<p> Container for the parameters to the <code> <a>ListElasticsearchVersions</a> </code>
operation. <p> Use <code> <a>MaxResults</a> </code> to control the maximum number of results to retrieve in a
single call. <p> <p> Use <code> <a>NextToken</a> </code> in response to retrieve more results. If the received
response does not contain a NextToken, then there are no more results to retrieve. <p> </p>",
    "simpleType" : "ListElasticsearchVersionsRequest",
    "variableSetterType" : "ListElasticsearchVersionsRequest"
  },
  "methodName" : "listElasticsearchVersions",
  "operationName" : "ListElasticsearchVersions",
  "paginated" : true,
  "returnType" : {
    "returnType" : "ListElasticsearchVersionsResponse",
    "documentation" : "<p> Container for the parameters for response received from <code>
<a>ListElasticsearchVersions</a> </code> operation. <p>"
  },
  "syncReturnType" : "ListElasticsearchVersionsResponse"
},
"ListTags" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Returns all tags for the given Elasticsearch domain.<p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.<p>",
    "httpStatusCode" : null
  }, {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.<p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.<p>",
    "httpStatusCode" : 400
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.<p>",
    "httpStatusCode" : 500
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {

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    "variableDeclarationType" : "ListTagsRequest",
    "variableName" : "listTagsRequest",
    "variableType" : "ListTagsRequest",
    "documentation" : "<p>Container for the parameters to the <code><a>ListTags</a></code> operation. Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view are attached.</p>",
    "simpleType" : "ListTagsRequest",
    "variableSetterType" : "ListTagsRequest"
  },
  "methodName" : "listTags",
  "operationName" : "ListTags",
  "paginated" : false,
  "returnType" : {
    "returnType" : "ListTagsResponse",
    "documentation" : "<p>The result of a <code>ListTags</code> operation. Contains tags for all requested Elasticsearch domains.</p>"
  },
  "syncReturnType" : "ListTagsResponse"
},
"PurchaseReservedElasticsearchInstanceOffering" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Allows you to purchase reserved Elasticsearch instances.</p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "ResourceAlreadyExistsException",
    "documentation" : "<p>An exception for creating a resource that already exists. Gives http status code of 400.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "LimitExceededException",
    "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "DisabledOperationException",
    "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "ValidationException",

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    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "statusCode" : 400
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
    "statusCode" : 500
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
    "variableName" : "purchaseReservedElasticsearchInstanceOfferingRequest",
    "variableType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
    "documentation" : "<p>Container for parameters to
<code>PurchaseReservedElasticsearchInstanceOffering</code></p>",
    "simpleType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
    "variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingRequest"
  },
  "methodName" : "purchaseReservedElasticsearchInstanceOffering",
  "operationName" : "PurchaseReservedElasticsearchInstanceOffering",
  "paginated" : false,
  "returnType" : {
    "returnType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
    "documentation" : "<p>Represents the output of a
<code>PurchaseReservedElasticsearchInstanceOffering</code> operation.</p>"
  },
  "syncReturnType" : "PurchaseReservedElasticsearchInstanceOfferingResponse"
},
"RemoveTags" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Removes the specified set of tags from the specified Elasticsearch domain.</p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "statusCode" : null
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "statusCode" : 400
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
    "statusCode" : 500
  }

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    } ],
    "hasBlobMemberAsPayload" : false,
    "input" : {
      "variableDeclarationType" : "RemoveTagsRequest",
      "variableName" : "removeTagsRequest",
      "variableType" : "RemoveTagsRequest",
      "documentation" : "<p>Container for the parameters to the <code><a>RemoveTags</a></code> operation. Specify the <code>ARN</code> for the Elasticsearch domain from which you want to remove the specified <code>TagKey</code>.</p>",
      "simpleType" : "RemoveTagsRequest",
      "variableSetterType" : "RemoveTagsRequest"
    },
    "methodName" : "removeTags",
    "operationName" : "RemoveTags",
    "paginated" : false,
    "returnType" : {
      "returnType" : "RemoveTagsResponse",
      "documentation" : null
    },
    "syncReturnType" : "RemoveTagsResponse"
  },
  "StartElasticsearchServiceSoftwareUpdate" : {
    "authenticated" : true,
    "deprecated" : false,
    "documentation" : "<p>Schedules a service software update for an Amazon ES domain.</p>",
    "endpointDiscovery" : null,
    "endpointOperation" : false,
    "endpointTrait" : null,
    "exceptions" : [ {
      "exceptionName" : "BaseException",
      "documentation" : "<p>An error occurred while processing the request.</p>",
      "httpStatusCode" : null
    }, {
      "exceptionName" : "InternalException",
      "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
      "httpStatusCode" : 500
    }, {
      "exceptionName" : "ResourceNotFoundException",
      "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
      "httpStatusCode" : 409
    }, {
      "exceptionName" : "ValidationException",
      "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
      "httpStatusCode" : 400
    }
  ] },
  "hasBlobMemberAsPayload" : false,

```

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"input" : {
  "variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "variableName" : "startElasticsearchServiceSoftwareUpdateRequest",
  "variableType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "documentation" : "<p>Container for the parameters to the
<code><a>StartElasticsearchServiceSoftwareUpdate</a></code> operation. Specifies the name of the Elasticsearch
domain that you wish to schedule a service software update on.</p>",
  "simpleType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "variableSetterType" : "StartElasticsearchServiceSoftwareUpdateRequest"
},
"methodName" : "startElasticsearchServiceSoftwareUpdate",
"operationName" : "StartElasticsearchServiceSoftwareUpdate",
"paginated" : false,
"returnType" : {
  "returnType" : "StartElasticsearchServiceSoftwareUpdateResponse",
  "documentation" : "<p>The result of a <code>StartElasticsearchServiceSoftwareUpdate</code> operation.
Contains the status of the update.</p>"
},
"syncReturnType" : "StartElasticsearchServiceSoftwareUpdateResponse"
},
"UpdateElasticsearchDomainConfig" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Modifies the cluster configuration of the specified Elasticsearch domain, setting as
setting the instance type and the number of instances. </p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "statusCode" : null
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
    "statusCode" : 500
  }, {
    "exceptionName" : "InvalidTypeException",
    "documentation" : "<p>An exception for trying to create or access sub-resource that is either invalid or not
supported. Gives http status code of 409.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "LimitExceededException",
    "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>",
    "statusCode" : 409
  }, {

```



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    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "statusCode" : 400
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "UpdateElasticsearchDomainConfigRequest",
    "variableName" : "updateElasticsearchDomainConfigRequest",
    "variableType" : "UpdateElasticsearchDomainConfigRequest",
    "documentation" : "<p>Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code>
operation. Specifies the type and number of instances in the domain cluster.</p>",
    "simpleType" : "UpdateElasticsearchDomainConfigRequest",
    "variableSetterType" : "UpdateElasticsearchDomainConfigRequest"
  },
  "methodName" : "updateElasticsearchDomainConfig",
  "operationName" : "UpdateElasticsearchDomainConfig",
  "paginated" : false,
  "returnType" : {
    "returnType" : "UpdateElasticsearchDomainConfigResponse",
    "documentation" : "<p>The result of an <code>UpdateElasticsearchDomain</code> request. Contains the status
of the Elasticsearch domain being updated.</p>"
  },
  "syncReturnType" : "UpdateElasticsearchDomainConfigResponse"
},
"UpgradeElasticsearchDomain" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Allows you to either upgrade your domain or perform an Upgrade eligibility check to a
compatible Elasticsearch version.</p>",
  "endpointDiscovery" : null,
  "endpointOperation" : false,
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "statusCode" : null
  }, {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
    "statusCode" : 409
  }, {
    "exceptionName" : "ResourceAlreadyExistsException",

```

```

    "documentation" : "<p>An exception for creating a resource that already exists. Gives http status code of
400.</p>",
    "statusCode" : 400,
  }, {
    "exceptionName" : "DisabledOperationException",
    "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
    "statusCode" : 409,
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "statusCode" : 400,
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
    "statusCode" : 500,
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "UpgradeElasticsearchDomainRequest",
    "variableName" : "upgradeElasticsearchDomainRequest",
    "variableType" : "UpgradeElasticsearchDomainRequest",
    "documentation" : "<p> Container for request parameters to <code> <a>UpgradeElasticsearchDomain</a>
</code> operation. </p>",
    "simpleType" : "UpgradeElasticsearchDomainRequest",
    "variableSetterType" : "UpgradeElasticsearchDomainRequest"
  },
  "methodName" : "upgradeElasticsearchDomain",
  "operationName" : "UpgradeElasticsearchDomain",
  "paginated" : false,
  "returnType" : {
    "returnType" : "UpgradeElasticsearchDomainResponse",
    "documentation" : "<p> Container for response returned by <code> <a>UpgradeElasticsearchDomain</a>
</code> operation. </p>"
  },
  "syncReturnType" : "UpgradeElasticsearchDomainResponse"
}
},
"shapes" : {
  "AccessPoliciesStatus" : {
    "c2jName" : "AccessPoliciesStatus",
    "customization" : {
      "artificialResultWrapper" : null,
      "skipGeneratingMarshaller" : false,
      "skipGeneratingModelClass" : false,
      "skipGeneratingUnmarshaller" : false,
      "staxTargetDepthOffset" : 0
    }
  }
}

```

```

    },
    "deprecated" : false,
    "documentation" : "<p>The configured access rules for the domain's document and search endpoints, and the
current status of those rules.</p>",
    "endpointDiscovery" : null,
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : null,
    "members" : [ {
        "beanStyleGetterMethodName" : "getOptions",
        "beanStyleSetterMethodName" : "setOptions",
        "c2jName" : "Options",
        "c2jShape" : "PolicyDocument",
        "defaultConsumerFluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch
domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policies</a>for more
information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to
create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link #options(String) }. \n@
param options a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #options(String)",
        "deprecated" : false,
        "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be
resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policies</a>for more information.</p>",
        "endpointDiscoveryId" : false,
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "options",
        "fluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies
may be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policies</a>for more information.</p>\n@param options The access policy
configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-

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createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policiesfor more information.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "options",

"getterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.</p>\n@return The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.",

"getterModel" : {
 "returnType" : "String",
 "documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "Options",

"sensitive" : false,

"setterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.</p>\n@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more

```

information.",
  "setterMethodName" : "setOptions",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be
resource-based, IP-based, or IAM-based. See <a href='\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target='\"_blank\"> Configuring Access Policies</a>for more information.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch
domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a convenience that
creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link
OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is
called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will
call methods on { @link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together. \n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access

```

policy for the Elasticsearch domain. See `OptionStatus` for the status information that's included.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "status",
```

```
"getterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See  
<code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the access  
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
```

```
"getterModel" : {
```

```
  "returnType" : "OptionStatus",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : null,
```

```
  "marshallLocation" : "PAYLOAD",
```

```
  "marshallLocationName" : "Status",
```

```
  "queryString" : false,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "Status",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "SDK_POJO",
```

```
"name" : "Status",
```

```
"sensitive" : false,
```

```
"setterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See  
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access  
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
```

```
"setterMethodName" : "setStatus",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "OptionStatus",
```

```
  "variableName" : "status",
```

```
  "variableType" : "OptionStatus",
```

```
  "documentation" : null,
```

```
  "simpleType" : "OptionStatus",
```

```
  "variableSetterType" : "OptionStatus"
```

```
},
```

```

"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "PolicyDocument",
    "defaultConsumerFluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch
domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policies</a>for more
information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #options(String)}. \n@param options
a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #options(String)",
    "deprecated" : false,
    "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be
resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policies</a>for more information.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies
may be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policies</a>for more information.</p>\n@param options The access policy
configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policies</a>for more
information.\n@return Returns a reference to this object so that method calls can be chained together.",

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```
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\" target=\"_blank\">Configuring Access Policies</a>for more information.</p>\n@return The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\" target=\"_blank\">Configuring Access Policies</a>for more information."
```

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Options",
"sensitive" : false,
```

```
"setterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\" target=\"_blank\">Configuring Access Policies</a>for more information.</p>\n@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\" target=\"_blank\">Configuring Access Policies</a>for more information."
```

```
"setterMethodName" : "setOptions",
```



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"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "options",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "options",
  "variableType" : "String",
  "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be
resource-based, IP-based, or IAM-based. See <a href='\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target='\"_blank\"'>Configuring Access Policies</a>for more information.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch
domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a convenience that
creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link
OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is
called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will
call methods on { @link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together. \n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's

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included.\n@return Returns a reference to this object so that method calls can be chained together.",

```

    "fluentSetterMethodName" : "status",
    "getterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
    "getterModel" : {
        "returnType" : "OptionStatus",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Status",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Status",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Status",
    "sensitive" : false,
    "setterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
    "setterMethodName" : "setStatus",
    "setterModel" : {
        "variableDeclarationType" : "OptionStatus",
        "variableName" : "status",
        "variableType" : "OptionStatus",
        "documentation" : null,
        "simpleType" : "OptionStatus",
        "variableSetterType" : "OptionStatus"
    },
    "simple" : false,

```

```

    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "OptionStatus",
      "variableName" : "status",
      "variableType" : "OptionStatus",
      "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
      "simpleType" : "OptionStatus",
      "variableSetterType" : "OptionStatus"
    },
    "xmlNamespaceUri" : null
  }
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch
domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policies</a>for more
information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #options(String)}. \n@param options
a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #options(String)",
  "deprecated" : false,
  "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be
resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policies</a>for more information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies
may be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policies</a>for more information.</p>\n@param options The access policy
configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policies</a>for more
information.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",

```

"getterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.</p>\n@return The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information."

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Options",
"sensitive" : false,
```

"setterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.</p>\n@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information."

```
"setterMethodName" : "setOptions",
"setterModel" : {
```

```

    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be
resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\">Configuring Access Policies</a>for more information.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch
domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a convenience that
creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link
OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is
called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will
call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can
be chained together. \n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "status",

```

"getterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included."

```
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
```

"setterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included."

```
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
```

```

    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "AccessPoliciesStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPoliciesStatus",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : null,
  "simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"wrapper" : false
},
"AddTagsRequest" : {
  "c2jName" : "AddTagsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for the parameters to the <code><a>AddTags</a></code> operation. Specify
the tags that you want to attach to the Elasticsearch domain.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,

```

```

"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "AddTags",
  "locationName" : null,
  "requestUri" : "/2015-01-01/tags",
  "target" : null,
  "verb" : "POST",
  "xmlNamespaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to
add the tags.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #arn(String)",
  "deprecated" : false,
  "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "arn",
  "fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags. \n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "arn",
  "getterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@return Specify the <code>ARN</code> for which you want to add the tags.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,

```



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    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ARN",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ARN",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ARN",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags.",
  "setterMethodName" : "setArn",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "arn",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "arn",
    "variableType" : "String",
    "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getTagList",
  "beanStyleSetterMethodName" : "setTagList",
  "c2jName" : "TagList",
  "c2jShape" : "TagList",
  "defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the

```

Elasticsearch domain. </p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder} avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link #tagList(List<Tag>)}. \n@param tagList a consumer that will call methods on { @link List<Tag>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #tagList(List<Tag>)",

"deprecated" : false,

"documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "tagList",

"fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "tagList",

"getterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.

</p>\nAttempts to modify the collection returned by this method will result in an

UnsupportedOperationException. \n@return List of <code>Tag</code> that need to be added for the Elasticsearch domain.",

"getterModel" : {

"returnType" : "java.util.List<Tag>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "TagList",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "TagList",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {

"implType" : "java.util.ArrayList",

```

"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "Tag",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n@param member a consumer that will call
methods on { @link Tag.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(Tag)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
  "getterModel" : {
    "returnType" : "Tag",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,

```

```

    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
      "variableDeclarationType" : "Tag",
      "variableName" : "member",
      "variableType" : "Tag",
      "documentation" : null,
      "simpleType" : "Tag",
      "variableSetterType" : "Tag"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "Tag",
      "variableName" : "member",
      "variableType" : "Tag",
      "documentation" : "",
      "simpleType" : "Tag",
      "variableSetterType" : "Tag"
    },
    "xmlNamespaceUri" : null
  },
  "memberLocationName" : null,
  "memberType" : "Tag",
  "map" : false,
  "memberAdditionalMarshallingPath" : null,
  "memberAdditionalUnmarshallingPath" : null,
  "simple" : false,
  "simpleType" : "Tag",
  "templateImplType" : "java.util.ArrayList<Tag>",
  "templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"sensitive" : false,
"setterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.

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```

</p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.",
  "setterMethodName" : "setTagList",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<Tag>",
    "variableName" : "tagList",
    "variableType" : "java.util.List<Tag>",
    "documentation" : null,
    "simpleType" : "List<Tag>",
    "variableSetterType" : "java.util.Collection<Tag>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<Tag>",
    "variableName" : "tagList",
    "variableType" : "java.util.List<Tag>",
    "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
    "simpleType" : "List<Tag>",
    "variableSetterType" : "java.util.Collection<Tag>"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "ARN" : {
    "beanStyleGetterMethodName" : "getArn",
    "beanStyleSetterMethodName" : "setArn",
    "c2jName" : "ARN",
    "c2jShape" : "ARN",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to
add the tags.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #arn(String)",
    "deprecated" : false,
    "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "arn",
    "fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags.\n@return Returns a
reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "arn",
    "getterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the

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tags.</p>\n@return Specify the <code>ARN</code> for which you want to add the tags.",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"sensitive" : false,
"setterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
```

tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags.",

```
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
```

```

"documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"TagList" : {
"beanStyleGetterMethodName" : "getTagList",
"beanStyleSetterMethodName" : "setTagList",
"c2jName" : "TagList",
"c2jShape" : "TagList",
"defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the
Elasticsearch domain. </p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder}
avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link
#tagList(List<Tag>)}. \n@param tagList a consumer that will call methods on { @link List<Tag>.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #tagList(List<Tag>)",
"deprecated" : false,
"documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch
domain. </p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return List of <code>Tag</code> that need to be added for the
Elasticsearch domain.",
"getterModel" : {
"returnType" : "java.util.List<Tag>",
"documentation" : null
},
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",

```

```

"marshallLocationName" : "TagList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagList",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n@param member a consumer that will call
methods on { @link Tag.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(Tag)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "Tag",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

```



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    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "Tag",
    "variableName" : "member",
    "variableType" : "Tag",
    "documentation" : null,
    "simpleType" : "Tag",
    "variableSetterType" : "Tag"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Tag",
    "variableName" : "member",
    "variableType" : "Tag",
    "documentation" : "",
    "simpleType" : "Tag",
    "variableSetterType" : "Tag"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,

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"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"sensitive" : false,
"setterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.
</p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.",
"setterMethodName" : "setTagList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : null,
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.
</p>",
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to
add the tags.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #arn(String)",
  "deprecated" : false,

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"documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@return Specify the <code>ARN</code> for which you want to add the tags.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"sensitive" : false,
"setterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags.",
"setterMethodName" : "setArn",
"setterModel" : {

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    "variableDeclarationType" : "String",
    "variableName" : "arn",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "arn",
    "variableType" : "String",
    "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getTagList",
  "beanStyleSetterMethodName" : "setTagList",
  "c2jName" : "TagList",
  "c2jShape" : "TagList",
  "defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the
Elasticsearch domain. </p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder }
avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer }
completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link
#tagList(List<Tag>)}. \n@param tagList a consumer that will call methods on { @link List<Tag>.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #tagList(List<Tag>)",
  "deprecated" : false,
  "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "tagList",
  "fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch
domain. </p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "tagList",
  "getterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return List of <code>Tag</code> that need to be added for the
Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "java.util.List<Tag>",

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    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "TagList",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "TagList",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "Tag",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n\n@param member a consumer that will call
methods on { @link Tag.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #member(Tag)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "member",
      "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method
calls can be chained together.",
    }
  }
}

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    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "Tag",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "Tag",
        "variableName" : "member",
        "variableType" : "Tag",
        "documentation" : null,
        "simpleType" : "Tag",
        "variableSetterType" : "Tag"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "Tag",

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    "variableName" : "member",
    "variableType" : "Tag",
    "documentation" : "",
    "simpleType" : "Tag",
    "variableSetterType" : "Tag"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"sensitive" : false,
"setterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.
</p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.",
"setterMethodName" : "setTagList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : null,
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,

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"required" : [ "ARN", "TagList" ],
"shapeName" : "AddTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "AddTagsRequest",
  "variableName" : "addTagsRequest",
  "variableType" : "AddTagsRequest",
  "documentation" : null,
  "simpleType" : "AddTagsRequest",
  "variableSetterType" : "AddTagsRequest"
},
"wrapper" : false
},
"AddTagsResponse" : {
  "c2jName" : "AddTagsResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : null,
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "AddTagsResponse",
  "simpleMethod" : false,
  "unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
  }
}

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},
"variable" : {
  "variableDeclarationType" : "AddTagsResponse",
  "variableName" : "addTagsResponse",
  "variableType" : "AddTagsResponse",
  "documentation" : null,
  "simpleType" : "AddTagsResponse",
  "variableSetterType" : "AddTagsResponse"
},
"wrapper" : false
},
"AdditionalLimit" : {
  "c2jName" : "AdditionalLimit",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> List of limits that are specific to a given InstanceType and for each of it's <code>
<a>InstanceRole</a> </code> . </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getLimitName",
    "beanStyleSetterMethodName" : "setLimitName",
    "c2jName" : "LimitName",
    "c2jShape" : "LimitName",
    "defaultConsumerFluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given
InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/>
<ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to
specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as
master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data
node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which
you don't need any master nodes to govern them. </ul> </p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link

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Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #limitName(String)}.
@param limitName a consumer that will call methods on {@link String.Builder}
Returns a reference to this object so that method calls can be chained together.
@see #limitName(String)",

"deprecated" : false,

"documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:
 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. </p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "limitName",

"fluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:

MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. </p>

@param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:
 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them.

@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "limitName",

"getterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:

MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. </p>

@return Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:
 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. ",

"getterModel" : {

"returnType" : "String",

```

"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"sensitive" : false,

```

"setterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:
 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. </p>\n@param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:
 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. ",

```

"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",

```

```

    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "limitName",
    "variableType" : "String",
    "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
<code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
need any master nodes to govern them. </ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getLimitValues",
  "beanStyleSetterMethodName" : "setLimitValues",
  "c2jName" : "LimitValues",
  "c2jShape" : "LimitValueList",
  "defaultConsumerFluentSetterDocumentation" : "<p> Value for given <code>
<a>AdditionalLimit$LimitName</a> </code> . </p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #limitValues(List<String>)}. \n@param limitValues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitValues(List<String>)",
  "deprecated" : false,
  "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> . </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "limitValues",
  "fluentSetterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> . \n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "limitValues",
  "getterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return Value for given <code> <a>AdditionalLimit$LimitName</a>
</code> .",

```

```

"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitValues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitValues",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "LimitValue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member

```

The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
```

```

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"sensitive" : false,
"setterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> . </p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
} ],

```

```

"membersAsMap" : {
  "LimitName" : {
    "beanStyleGetterMethodName" : "getLimitName",
    "beanStyleSetterMethodName" : "setLimitName",
    "c2jName" : "LimitName",
    "c2jShape" : "LimitName",
    "defaultConsumerFluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given
InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/>
<ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to
specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as
master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data
node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which
you don't need any master nodes to govern them. </ul> </p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String.Builder}.
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
String.Builder#limitName(String)}.
@param limitName a consumer that will call methods on { @link String.Builder}
@return
Returns a reference to this object so that method calls can be chained together.
@see #limitName(String)",
    "deprecated" : false,
    "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
<code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
need any master nodes to govern them. </ul> </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "limitName",
    "fluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each
of it's <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
need any master nodes to govern them. </ul> </p>\n@param limitName Name of Additional Limit is specific to a
given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details:
<br/> <ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to
specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as
master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data
node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which
you don't need any master nodes to govern them. </ul> \n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "limitName",
    "getterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of

```


it's `<a>InstanceRole` etc.
 Attributes and their details:

- `MaximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType` can support as master node.
- `MaximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<a>ESPartitionInstanceType` upto which you don't need any master nodes to govern them.

`<p>\n@return Name of Additional Limit is specific to a given InstanceType and for each of it's <a>InstanceRole etc.
 Attributes and their details:`

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"sensitive" : false,
```

```
"setterDocumentation" : "

Name of Additional Limit is specific to a given InstanceType and for each of it's <a>InstanceRole</a> etc.   
 Attributes and their details:


```

```
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <a>ESPartitionInstanceType</a> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <a>ESPartitionInstanceType</a> upto which you don't
```

need any master nodes to govern them. </p>\n@param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:
 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. ",

```
"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
```

```
},
```

```
"simple" : true,
```

```
"timestampFormat" : null,
```

```
"variable" : {
```

```
  "variableDeclarationType" : "String",
```

```
  "variableName" : "limitName",
```

```
  "variableType" : "String",
```

```
  "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
```

```
<code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul>
```

```
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
need any master nodes to govern them. </ul> </p>",
```

```
  "simpleType" : "String",
```

```
  "variableSetterType" : "String"
```

```
},
```

```
"xmlNamespaceUri" : null
```

```
},
```

```
"LimitValues" : {
```

```
  "beanStyleGetterMethodName" : "getLimitValues",
```

```
  "beanStyleSetterMethodName" : "setLimitValues",
```

```
  "c2jName" : "LimitValues",
```

```
  "c2jShape" : "LimitValueList",
```

```
  "defaultConsumerFluentSetterDocumentation" : "<p> Value for given <code>
```

```
<a>AdditionalLimit$LimitName</a> </code> . </p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #limitValues(List<String>)}. \n@param limitValues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitValues(List<String>)",
```

```
  "deprecated" : false,
```

```
  "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> . </p>",
```

```

"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitValues",
"fluentSetterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "limitValues",
"getterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Value for given <code> <a>AdditionalLimit$LimitName</a>
</code> .",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitValues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitValues",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "LimitValue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this

```

object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n\n@param member a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(String)",

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member The new value for the Member property for this object. \n\n@return Returns a reference to this object so that method calls can be chained together.",
```

```
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object. \n\n@return The value of the Member property for this object.",
```

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
```

```
},
```

```
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
```

```

    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"sensitive" : false,
"setterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "limitValues",
    "variableType" : "java.util.List<String>",
    "documentation" : null,

```

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    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "limitValues",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> . </p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getLimitName",
  "beanStyleSetterMethodName" : "setLimitName",
  "c2jName" : "LimitName",
  "c2jShape" : "LimitName",
  "defaultConsumerFluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #limitName(String)}. \n@param limitName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #limitName(String)",
  "deprecated" : false,
  "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "limitName",
  "fluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each

```

of it's `<a>InstanceRole` etc.
 Attributes and their details:

- `<a>MaximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType` can support as master node.
- `<a>MaximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<a>ESPartitionInstanceType` upto which you don't need any master nodes to govern them.

`@param limitName` Name of Additional Limit is specific to a given InstanceType and for each of it's `<a>InstanceRole` etc.
 Attributes and their details:

- `<a>MaximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType` can support as master node.
- `<a>MaximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<a>ESPartitionInstanceType` upto which you don't need any master nodes to govern them.

`@return` Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "limitName",
```

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"getterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
<a>InstanceRole</a> etc.
Attributes and their details:
<a>MaximumNumberOfDataNodesSupported</a> This attribute will be present in Master node only to specify
how much data nodes upto which given <a>ESPartitionInstanceType</a> can support as master
node. <a>MaximumNumberOfDataNodesWithoutMasterNode</a> This attribute will be present in Data node only
to specify how much data nodes of given <a>ESPartitionInstanceType</a> upto which you don't
need any master nodes to govern them.
<p>
<return> Name of Additional Limit is specific to a given
InstanceType and for each of it's <a>InstanceRole</a> etc.
Attributes and their details:
<a>MaximumNumberOfDataNodesSupported</a> This attribute will be present in Master node only to
specify how much data nodes upto which given <a>ESPartitionInstanceType</a> can support as
master node. <a>MaximumNumberOfDataNodesWithoutMasterNode</a> This attribute will be present in Data
node only to specify how much data nodes of given <a>ESPartitionInstanceType</a> upto which
you don't need any master nodes to govern them."
```

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitName",
  "uri" : false
},
"idempotencyToken" : false,
```

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"sensitive" : false,
"setterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
<code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
need any master nodes to govern them. </ul> <p>\n@param limitName Name of Additional Limit is specific to a
given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details:
<br/> <ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to
specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as
master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data
node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which
you don't need any master nodes to govern them. </ul>",
"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
<code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
need any master nodes to govern them. </ul> <p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null

```



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}, {
  "beanStyleGetterMethodName" : "getLimitValues",
  "beanStyleSetterMethodName" : "setLimitValues",
  "c2jName" : "LimitValues",
  "c2jShape" : "LimitValueList",
  "defaultConsumerFluentSetterDocumentation" : "<p> Value for given <code>
<a>AdditionalLimit$LimitName</a> </code> . </p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #limitValues(List<String>)}. \n@param limitValues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitValues(List<String>)",
  "deprecated" : false,
  "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> . </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "limitValues",
  "fluentSetterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> . \n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "limitValues",
  "getterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return Value for given <code> <a>AdditionalLimit$LimitName</a>
</code> .",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "LimitValues",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "LimitValues",
    "uri" : false
  }
}

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    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,
    "listModel" : {
        "implType" : "java.util.ArrayList",
        "interfaceType" : "java.util.List",
        "listMemberModel" : {
            "beanStyleGetterMethodName" : "getMember",
            "beanStyleSetterMethodName" : "setMember",
            "c2jName" : "member",
            "c2jShape" : "LimitValue",
            "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
            "deprecated" : false,
            "documentation" : "",
            "endpointDiscoveryId" : false,
            "enumType" : null,
            "eventHeader" : false,
            "eventPayload" : false,
            "fluentEnumGetterMethodName" : null,
            "fluentEnumSetterMethodName" : null,
            "fluentGetterMethodName" : "member",
            "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
            "fluentSetterMethodName" : "member",
            "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
            "getterModel" : {
                "returnType" : "String",
                "documentation" : null
            }
        },
        "http" : {
            "additionalMarshallingPath" : null,
            "additionalUnmarshallingPath" : null,
            "flattened" : false,
            "greedy" : false,
            "header" : false,
            "isPayload" : false,
            "isStreaming" : false,
            "location" : null,
            "marshallLocation" : "PAYLOAD",

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    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"

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    },
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "LIST",
    "name" : "LimitValues",
    "sensitive" : false,
    "setterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .",
    "setterMethodName" : "setLimitValues",
    "setterModel" : {
        "variableDeclarationType" : "java.util.List<String>",
        "variableName" : "limitValues",
        "variableType" : "java.util.List<String>",
        "documentation" : null,
        "simpleType" : "List<String>",
        "variableSetterType" : "java.util.Collection<String>"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "java.util.List<String>",
        "variableName" : "limitValues",
        "variableType" : "java.util.List<String>",
        "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> . </p>",
        "simpleType" : "List<String>",
        "variableSetterType" : "java.util.Collection<String>"
    },
    "xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "AdditionalLimit",
"simpleMethod" : false,
"unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "AdditionalLimit",
    "variableName" : "additionalLimit",
    "variableType" : "AdditionalLimit",
    "documentation" : null,
    "simpleType" : "AdditionalLimit",
    "variableSetterType" : "AdditionalLimit"
},
"wrapper" : false
},

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"AdvancedOptionsStatus" : {
  "c2jName" : "AdvancedOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Status of the advanced options for the specified Elasticsearch domain. Currently, the
following advanced options are available:</p> <ul> <li>Option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</li> <li>Option to specify the percentage of heap space that is
allocated to field data. By default, this setting is unbounded.</li> </ul> <p>For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\">Configuring Advanced Options</a>.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "AdvancedOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#options(Map<String,String>)}. \n@param options a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(Map<String,String>)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Specifies the status of advanced options for the specified
Elasticsearch domain.",
"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",

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"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}. \n\n@param key a consumer that will call methods on { @link String.Builder} \n\nreturn Returns a reference to this object so that method calls can be chained together. \n\n@see #key(String)",

"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",

"fluentSetterDocumentation" : "Sets the value of the Key property for this object. \n\n@param key The new value for the Key property for this object. \n\nreturn Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "key",

"getterDocumentation" : "Returns the value of the Key property for this object. \n\nreturn The value of the Key property for this object.",

"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

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"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #value(String)}.\n\n@param value a consumer that will call methods on
{@link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The

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new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
```

```

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will

```

call methods on { @link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #status(OptionStatus)",

"deprecated" : false,

"documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "status",

"fluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "status",

"getterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\n@return Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.",

"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Status",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Status",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

```

"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "AdvancedOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#options(Map<String,String>)}. \n@param options a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(Map<String,String>)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,

```

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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Specifies the status of advanced options for the specified
Elasticsearch domain.",
"getterModel" : {
  "return Type" : "java.util.Map<String,String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called

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immediately and its result is passed to { @link #key(String)}.
 { @link String.Builder}
 @return Returns a reference to this object so that method calls can be chained together.
 @see #key(String)",

```

    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.  

    @param key The new value for the Key property for this object.  

    @return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.  

    @return The value of the Key property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "key",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "key",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Key",
    "sensitive" : false,
  
```

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"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object. \n@return Returns a reference to this object so that method calls can
be chained together.",
  "fluentSetterMethodName" : "value",

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    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
    "setterMethodName" : "setValue",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "value",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "value",

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    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the
{ @link OptionStatus.Builder} avoiding the need to create one manually via { @link
OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is
called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will
call methods on { @link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can

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be chained together.\n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options
for the specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>\n@return Specifies the status of <code>OptionStatus</code> for advanced
options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",

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"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#options(Map<String,String>)}. \n@param options a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(Map<String,String>)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,

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    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "options",
    "getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Specifies the status of advanced options for the specified
Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "java.util.Map<String,String>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Options",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Options",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : true,
    "mapModel" : {
        "implType" : "java.util.HashMap",
        "interfaceType" : "java.util.Map",
        "keyLocationName" : "key",
        "keyModel" : {
            "beanStyleGetterMethodName" : "getKey",
            "beanStyleSetterMethodName" : "setKey",
            "c2jName" : "key",
            "c2jShape" : "String",
            "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on

```

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{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "key",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "key",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Key",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value

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for the Key property for this object.",

```
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #value(String)}. \n@param value a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
```

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Value property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Value",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
  "setterMethodName" : "setValue",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",

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    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the

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specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options
for the specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>\n@return Specifies the status of <code>OptionStatus</code> for advanced
options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for

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advanced options for the specified Elasticsearch domain.",
  "setterMethodName" : "setStatus",
  "setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "AdvancedOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "AdvancedOptionsStatus",
  "variableName" : "advancedOptionsStatus",
  "variableType" : "AdvancedOptionsStatus",
  "documentation" : null,
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"
},
"wrapper" : false
},
"BaseException" : {
  "c2jName" : "BaseException",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,

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    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>An error occurred while processing the request.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : "BaseException",
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "BaseException",
  "simpleMethod" : false,
  "unmarshaller" : null,
  "variable" : {
    "variableDeclarationType" : "BaseException",
    "variableName" : "baseException",
    "variableType" : "BaseException",
    "documentation" : null,
    "simpleType" : "BaseException",
    "variableSetterType" : "BaseException"
  },
  "wrapper" : false
},
"CancelElasticsearchServiceSoftwareUpdateRequest" : {
  "c2jName" : "CancelElasticsearchServiceSoftwareUpdateRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for the parameters to the
<code><a>CancelElasticsearchServiceSoftwareUpdate</a></code> operation. Specifies the name of the

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Elasticsearch domain that you wish to cancel a service software update on.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "CancelElasticsearchServiceSoftwareUpdate",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/serviceSoftwareUpdate/cancel",
    "target" : null,
    "verb" : "POST",
    "xmlNamespaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest
service software update on.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#domainName(String)",
    "deprecated" : false,
    "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software
update on.</p>\n@param domainName The name of the domain that you want to stop the latest service software
update on. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@return The name of the domain that you want to stop the latest service software update on.",

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"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>\n@param domainName The name of the domain that you want to stop the latest service software update on.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",

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    "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest
service software update on.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#domainName(String)",
    "deprecated" : false,
    "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software
update on.</p>\n@param domainName The name of the domain that you want to stop the latest service software
update on.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@return The name of the domain that you want to stop the latest service software update on.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@param domainName The name of the domain that you want to stop the latest service software update
on.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",

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    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest
service software update on.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String.Builder#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#domainName(String)",
    "deprecated" : false,
    "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software
update on.</p>\n@param domainName The name of the domain that you want to stop the latest service software
update on.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@return The name of the domain that you want to stop the latest service software update on.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "DomainName",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "DomainName",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@param domainName The name of the domain that you want to stop the latest service software update
on.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "CancelElasticsearchServiceSoftwareUpdateRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
  "variableName" : "cancelElasticsearchServiceSoftwareUpdateRequest",
  "variableType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
  "documentation" : null,
  "simpleType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
  "variableSetterType" : "CancelElasticsearchServiceSoftwareUpdateRequest"
},
"wrapper" : false
},
"CancelElasticsearchServiceSoftwareUpdateResponse" : {

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"c2jName" : "CancelElasticsearchServiceSoftwareUpdateResponse",
"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The result of a <code>CancelElasticsearchServiceSoftwareUpdate</code> operation.
Contains the status of the update.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder }
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder() }. \n\nWhen the { @link
Consumer } completes, { @link ServiceSoftwareOptions.Builder#build() } is called immediately and its result is
passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions) }. \n@param serviceSoftwareOptions a
consumer that will call methods on { @link ServiceSoftwareOptions.Builder } \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
  "deprecated" : false,
  "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "serviceSoftwareOptions",
  "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software
update. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "serviceSoftwareOptions",

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"getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return
The current status of the Elasticsearch service software update.",
"getterModel" : {
  "returnType" : "ServiceSoftwareOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ServiceSoftwareOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ServiceSoftwareOptions",
  "uri" : false
},
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"map" : false,
"mapModel" : null,
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"name" : "ServiceSoftwareOptions",
"sensitive" : false,
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",
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  "variableName" : "serviceSoftwareOptions",
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  "variableSetterType" : "ServiceSoftwareOptions"
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"simple" : false,
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  "variableName" : "serviceSoftwareOptions",

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    "variableType" : "ServiceSoftwareOptions",
    "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
    "simpleType" : "ServiceSoftwareOptions",
    "variableSetterType" : "ServiceSoftwareOptions"
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  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "ServiceSoftwareOptions" : {
    "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
    "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
    "c2jName" : "ServiceSoftwareOptions",
    "c2jShape" : "ServiceSoftwareOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder}
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is
passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a
consumer that will call methods on { @link ServiceSoftwareOptions.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
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    "fluentGetterMethodName" : "serviceSoftwareOptions",
    "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software
update. \n@return Returns a reference to this object so that method calls can be chained together.",
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    "getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return
The current status of the Elasticsearch service software update.",
    "getterModel" : {
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      "documentation" : null
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
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    "marshallLocation" : "PAYLOAD",
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    "statusCode" : false,
    "unmarshallLocationName" : "ServiceSoftwareOptions",
    "uri" : false
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  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
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  "mapModel" : null,
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serviceSoftwareOptions The current status of the Elasticsearch service software update.",
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    "variableName" : "serviceSoftwareOptions",
    "variableType" : "ServiceSoftwareOptions",
    "documentation" : null,
    "simpleType" : "ServiceSoftwareOptions",
    "variableSetterType" : "ServiceSoftwareOptions"
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  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "serviceSoftwareOptions",
    "variableType" : "ServiceSoftwareOptions",
    "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
    "simpleType" : "ServiceSoftwareOptions",
    "variableSetterType" : "ServiceSoftwareOptions"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder}

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avoiding the need to create one manually via {@link ServiceSoftwareOptions#builder()}.
 When the {@link Consumer} completes, {@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to {@link #serviceSoftwareOptions(ServiceSoftwareOptions)}.
 A consumer that will call methods on {@link ServiceSoftwareOptions.Builder}.
 Returns a reference to this object so that method calls can be chained together.
 See #serviceSoftwareOptions(ServiceSoftwareOptions)",

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    "deprecated" : false,
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    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "serviceSoftwareOptions",
    "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
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update.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "serviceSoftwareOptions",
    "getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return
The current status of the Elasticsearch service software update.",
    "getterModel" : {
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      "documentation" : null
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      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
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      "marshallLocationName" : "ServiceSoftwareOptions",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "ServiceSoftwareOptions",
      "uri" : false
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    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
  
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  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
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"simple" : false,
"timestampFormat" : null,
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  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
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"xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CancelElasticsearchServiceSoftwareUpdateResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "variableName" : "cancelElasticsearchServiceSoftwareUpdateResponse",
  "variableType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "documentation" : null,
  "simpleType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "variableSetterType" : "CancelElasticsearchServiceSoftwareUpdateResponse"
},
"wrapper" : false
},
"CognitoOptions" : {
  "c2jName" : "CognitoOptions",
  "customization" : {
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"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
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"deprecated" : false,
"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getEnabled",
"beanStyleSetterMethodName" : "setEnabled",
"c2jName" : "Enabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana
authentication.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the
need to create one manually via { @link Boolean#builder()}.</p>\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}.</p>\n@param
enabled a consumer that will call methods on { @link Boolean.Builder}</p>\n@return Returns a reference to this object
so that method calls can be chained together.</p>\n@see #enabled(Boolean)",
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"documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
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"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana
authentication.</p>\n@param enabled Specifies the option to enable Cognito for Kibana authentication.</p>\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@return
Specifies the option to enable Cognito for Kibana authentication.",
"getterModel" : {

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    "returnType" : "Boolean",
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    "additionalUnmarshallingPath" : null,
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Enabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Enabled",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "Enabled",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@param
enabled Specifies the option to enable Cognito for Kibana authentication.",
  "setterMethodName" : "setEnabled",
  "setterModel" : {
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    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
    "simpleType" : "Boolean",

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    "variableSetterType" : "Boolean"
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  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUserPoolId",
  "beanStyleSetterMethodName" : "setUserPoolId",
  "c2jName" : "UserPoolId",
  "c2jShape" : "UserPoolId",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #userPoolId(String) }. \n@param userPoolId a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #userPoolId(String)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "userPoolId",
  "fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param userPoolId Specifies the Cognito user pool ID for Kibana authentication. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "userPoolId",
  "getterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@return Specifies the Cognito user pool ID for Kibana authentication.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UserPoolId",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UserPoolId",
    "uri" : false
  }
}

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    },
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    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "UserPoolId",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param
userPoolId Specifies the Cognito user pool ID for Kibana authentication.",
    "setterMethodName" : "setUserPoolId",
    "setterModel" : {
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        "variableName" : "userPoolId",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
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        "variableName" : "userPoolId",
        "variableType" : "String",
        "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
}, {
    "beanStyleGetterMethodName" : "getIdentityPoolId",
    "beanStyleSetterMethodName" : "setIdentityPoolId",
    "c2jName" : "IdentityPoolId",
    "c2jShape" : "IdentityPoolId",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana
authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #identityPoolId(String)}. \n@param
identityPoolId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #identityPoolId(String)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
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"eventHeader" : false,
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"fluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "identityPoolId",
"getterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@return Specifies the Cognito identity pool ID for Kibana authentication.",
"getterModel" : {
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  "documentation" : null
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "IdentityPoolId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "IdentityPoolId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "IdentityPoolId",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.",
"setterMethodName" : "setIdentityPoolId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "identityPoolId",
  "variableType" : "String",

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    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "identityPoolId",
    "variableType" : "String",
    "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getRoleArn",
  "beanStyleSetterMethodName" : "setRoleArn",
  "c2jName" : "RoleArn",
  "c2jShape" : "RoleArn",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #roleArn(String)}. \n@param roleArn a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together.\n@see #roleArn(String)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "roleArn",
  "fluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "roleArn",
  "getterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>\n@return Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  },

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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RoleArn",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RoleArn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "RoleArn",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.",
"setterMethodName" : "setRoleArn",
"setterModel" : {
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  "variableName" : "roleArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
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  "variableName" : "roleArn",
  "variableType" : "String",
  "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
}

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    },
    "xmlNamespaceUri" : null
  } ],
  "membersAsMap" : {
    "Enabled" : {
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      "beanStyleSetterMethodName" : "setEnabled",
      "c2jName" : "Enabled",
      "c2jShape" : "Boolean",
      "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #enabled(Boolean)",
      "deprecated" : false,
      "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
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      "eventPayload" : false,
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      "fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@param enabled Specifies the option to enable Cognito for Kibana authentication. \n@return Returns a reference to this object so that method calls can be chained together.",
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      "getterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@return Specifies the option to enable Cognito for Kibana authentication.",
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        "documentation" : null
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      "isStreaming" : false,
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      "marshallLocationName" : "Enabled",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "Enabled",

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enabled Specifies the option to enable Cognito for Kibana authentication.",
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    "variableName" : "enabled",
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    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
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  "simple" : true,
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  "variable" : {
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    "variableType" : "Boolean",
    "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
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  "xmlNamespaceUri" : null
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"IdentityPoolId" : {
  "beanStyleGetterMethodName" : "getIdentityPoolId",
  "beanStyleSetterMethodName" : "setIdentityPoolId",
  "c2jName" : "IdentityPoolId",
  "c2jShape" : "IdentityPoolId",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana
authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #identityPoolId(String)}. \n@param
identityPoolId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #identityPoolId(String)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",

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"fluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana
authentication.</p>\n@param identityPoolId Specifies the Cognito identity pool ID for Kibana
authentication.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "identityPoolId",
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  "documentation" : null
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "IdentityPoolId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "IdentityPoolId",
  "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
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"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "IdentityPoolId",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@param
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"setterMethodName" : "setIdentityPoolId",
"setterModel" : {
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"simpleType" : "String",
"variableSetterType" : "String"
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"variableType" : "String",
"documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
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"xmlNamespaceUri" : null
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"RoleArn" : {
"beanStyleGetterMethodName" : "getRoleArn",
"beanStyleSetterMethodName" : "setRoleArn",
"c2jName" : "RoleArn",
"c2jShape" : "RoleArn",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch
permissions for accessing Cognito resources.</p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#roleArn(String)}. \n@param roleArn a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #roleArn(String)",
"deprecated" : false,
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resources.</p>",
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"fluentEnumSetterMethodName" : null,
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accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions
for accessing Cognito resources. \n@return Returns a reference to this object so that method calls can be chained
together.",
"fluentSetterMethodName" : "roleArn",
"getterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.</p>\n@return Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.",
"getterModel" : {

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    "documentation" : null
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    "additionalUnmarshallingPath" : null,
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
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    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "RoleArn",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "RoleArn",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "RoleArn",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.",
  "setterMethodName" : "setRoleArn",
  "setterModel" : {
    "variableDeclarationType" : "String",
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    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "roleArn",
    "variableType" : "String",
    "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito

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resources.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"UserPoolId" : {
  "beanStyleGetterMethodName" : "getUserPoolId",
  "beanStyleSetterMethodName" : "setUserPoolId",
  "c2jName" : "UserPoolId",
  "c2jShape" : "UserPoolId",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #userPoolId(String)}. \n@param userPoolId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #userPoolId(String)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "userPoolId",
  "fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param userPoolId Specifies the Cognito user pool ID for Kibana authentication. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "userPoolId",
  "getterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@return Specifies the Cognito user pool ID for Kibana authentication.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
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"http" : {
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  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UserPoolId",
  "queryString" : false,

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    "statusCode" : false,
    "unmarshallLocationName" : "UserPoolId",
    "uri" : false
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  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
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  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "UserPoolId",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param
userPoolId Specifies the Cognito user pool ID for Kibana authentication.",
  "setterMethodName" : "setUserPoolId",
  "setterModel" : {
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    "variableName" : "userPoolId",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "userPoolId",
    "variableType" : "String",
    "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana
authentication.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the
need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object

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so that method calls can be chained together.\n@see #enabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
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  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana
authentication.</p>\n@param enabled Specifies the option to enable Cognito for Kibana authentication.\n@return
Returns a reference to this object so that method calls can be chained together.",
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  "getterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@return
Specifies the option to enable Cognito for Kibana authentication.",
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    "documentation" : null
  },
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    "additionalUnmarshallingPath" : null,
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Enabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Enabled",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "Enabled",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@param
enabled Specifies the option to enable Cognito for Kibana authentication.",

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"setterMethodName" : "setEnabled",
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  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
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"timestampFormat" : null,
"variable" : {
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  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
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"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUserPoolId",
  "beanStyleSetterMethodName" : "setUserPoolId",
  "c2jName" : "UserPoolId",
  "c2jShape" : "UserPoolId",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #userPoolId(String)}. \n@param userPoolId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #userPoolId(String)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
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  "eventPayload" : false,
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  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "userPoolId",
  "fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param userPoolId Specifies the Cognito user pool ID for Kibana authentication.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "userPoolId",
  "getterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@return Specifies the Cognito user pool ID for Kibana authentication.",
  "getterModel" : {
    "returnType" : "String",

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"documentation" : null
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  "greedy" : false,
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  "isPayload" : false,
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  "marshallLocationName" : "UserPoolId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UserPoolId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UserPoolId",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param
userPoolId Specifies the Cognito user pool ID for Kibana authentication.",
"setterMethodName" : "setUserPoolId",
"setterModel" : {
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  "variableName" : "userPoolId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
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"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "userPoolId",
  "variableType" : "String",
  "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
}

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    },
    "xmlNamespaceUri" : null
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    "beanStyleGetterMethodName" : "getIdentityPoolId",
    "beanStyleSetterMethodName" : "setIdentityPoolId",
    "c2jName" : "IdentityPoolId",
    "c2jShape" : "IdentityPoolId",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #identityPoolId(String)}. \n@param identityPoolId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #identityPoolId(String)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
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    "eventPayload" : false,
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    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "identityPoolId",
    "fluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "identityPoolId",
    "getterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@return Specifies the Cognito identity pool ID for Kibana authentication.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "IdentityPoolId",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "IdentityPoolId",
    "uri" : false
  }
},

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"idempotencyToken" : false,
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"marshallingType" : "STRING",
"name" : "IdentityPoolId",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@param
identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.",
"setterMethodName" : "setIdentityPoolId",
"setterModel" : {
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  "variableName" : "identityPoolId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "identityPoolId",
  "variableType" : "String",
  "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getRoleArn",
  "beanStyleSetterMethodName" : "setRoleArn",
  "c2jName" : "RoleArn",
  "c2jShape" : "RoleArn",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch
permissions for accessing Cognito resources.</p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#roleArn(String)}. \n@param roleArn a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #roleArn(String)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito
resources.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
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"fluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for
accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions
for accessing Cognito resources.\n@return Returns a reference to this object so that method calls can be chained
together.",
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"getterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.</p>\n@return Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.",
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  "returnType" : "String",
  "documentation" : null
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RoleArn",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RoleArn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "RoleArn",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for
accessing Cognito resources.",
"setterMethodName" : "setRoleArn",
"setterModel" : {

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    "variableDeclarationType" : "String",
    "variableName" : "roleArn",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
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  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "roleArn",
    "variableType" : "String",
    "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito
resources.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
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  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CognitoOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
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  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"wrapper" : false
},
"CognitoOptionsStatus" : {
  "c2jName" : "CognitoOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },

```

```

"deprecated" : false,
"documentation" : "<p>Status of the Cognito options for the specified Elasticsearch domain.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder}
avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(CognitoOptions)}. \n@param options a consumer that will call methods on { @link
CognitoOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(CognitoOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@return Specifies the Cognito options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "CognitoOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,

```

```

    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Options",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.",
  "setterMethodName" : "setOptions",
  "setterModel" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "options",
    "variableType" : "CognitoOptions",
    "documentation" : null,
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "options",
    "variableType" : "CognitoOptions",
    "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",

```

```

    "c2jName" : "Status",
    "c2jShape" : "OptionStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the
specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "status",
    "fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "status",
    "getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the Cognito options for the specified Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "OptionStatus",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Status",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Status",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,

```

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "CognitoOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder}
avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(CognitoOptions)}. \n@param options a consumer that will call methods on { @link
CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(CognitoOptions)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@return Specifies the Cognito options for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "options",
  "variableType" : "CognitoOptions",
  "documentation" : null,

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    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "options",
    "variableType" : "CognitoOptions",
    "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "xmlNamespaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus.Builder}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the Cognito options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null

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    }
  },
  "nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "CognitoOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder}
avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(CognitoOptions)}. \n@param options a consumer that will call methods on { @link
CognitoOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(CognitoOptions)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "options",
    "getterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@return Specifies the Cognito options for the specified Elasticsearch domain.",
    "getterModel" : {
      "returnType" : "CognitoOptions",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  }
}

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    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Options",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.",
    "setterMethodName" : "setOptions",
    "setterModel" : {
        "variableDeclarationType" : "CognitoOptions",
        "variableName" : "options",
        "variableType" : "CognitoOptions",
        "documentation" : null,
        "simpleType" : "CognitoOptions",
        "variableSetterType" : "CognitoOptions"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "CognitoOptions",
        "variableName" : "options",
        "variableType" : "CognitoOptions",
        "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
        "simpleType" : "CognitoOptions",
        "variableSetterType" : "CognitoOptions"
    },
    "xmlNamespaceUri" : null
}, {
    "beanStyleGetterMethodName" : "getStatus",
    "beanStyleSetterMethodName" : "setStatus",
    "c2jName" : "Status",
    "c2jShape" : "OptionStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the
specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link
OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}.
\n\nWhen the
{@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed
to {@link #status(OptionStatus)}.
\n@param status a consumer that will call methods on {@link
OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",

```

```

    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "CognitoOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptionsStatus",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : null,
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"wrapper" : false
},
"CompatibleVersionsMap" : {
  "c2jName" : "CompatibleVersionsMap",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> A map from an <code> <a>ElasticsearchVersion</a> </code> to a list of compatible

```

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<code> <a>ElasticsearchVersion</a> </code> s to which the domain can be upgraded. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getSourceVersion",
    "beanStyleSetterMethodName" : "setSourceVersion",
    "c2jName" : "SourceVersion",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain
is.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #sourceVersion(String)}. \n@param sourceVersion a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #sourceVersion(String)",
    "deprecated" : false,
    "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "sourceVersion",
    "fluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is.\n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "sourceVersion",
    "getterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@return The
current version of Elasticsearch on which a domain is.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,

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    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "SourceVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "SourceVersion",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "SourceVersion",
  "sensitive" : false,
  "setterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is.",
  "setterMethodName" : "setSourceVersion",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "sourceVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "sourceVersion",
    "variableType" : "String",
    "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getTargetVersions",
  "beanStyleSetterMethodName" : "setTargetVersions",
  "c2jName" : "TargetVersions",
  "c2jShape" : "ElasticsearchVersionList",

```

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #targetVersions(List<String>)}.\n@param targetVersions a consumer that will call methods on { @link List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #targetVersions(List<String>)",

"deprecated" : false,

"documentation" : "",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "targetVersions",

"fluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param targetVersions The new value for the TargetVersions property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "targetVersions",

"getterDocumentation" : "Returns the value of the TargetVersions property for this object.\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return The value of the TargetVersions property for this object.",

"getterModel" : {

"returnType" : "java.util.List<String>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "TargetVersions",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "TargetVersions",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {

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"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},

```

```

    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
      "variableDeclarationType" : "String",
      "variableName" : "member",
      "variableType" : "String",
      "documentation" : null,
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "String",
      "variableName" : "member",
      "variableType" : "String",
      "documentation" : "",
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
  },
  "memberLocationName" : null,
  "memberType" : "String",
  "map" : false,
  "memberAdditionalMarshallingPath" : null,
  "memberAdditionalUnmarshallingPath" : null,
  "simple" : true,
  "simpleType" : "String",
  "templateImplType" : "java.util.ArrayList<String>",
  "templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TargetVersions",
"sensitive" : false,

```

```

"setterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param
targetVersions The new value for the TargetVersions property for this object.",
"setterMethodName" : "setTargetVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "targetVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "targetVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
} ],
"membersAsMap" : {
  "SourceVersion" : {
    "beanStyleGetterMethodName" : "getSourceVersion",
    "beanStyleSetterMethodName" : "setSourceVersion",
    "c2jName" : "SourceVersion",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain
is.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #sourceVersion(String)}. \n@param sourceVersion a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #sourceVersion(String)",
    "deprecated" : false,
    "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "sourceVersion",
    "fluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is. \n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "sourceVersion",

```

"getterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@return The current version of Elasticsearch on which a domain is.",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SourceVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SourceVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "SourceVersion",
"sensitive" : false,
```

"setterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param sourceVersion The current version of Elasticsearch on which a domain is.",

```
"setterMethodName" : "setSourceVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "sourceVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "sourceVersion",
```

```

    "variableType" : "String",
    "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"TargetVersions" : {
  "beanStyleGetterMethodName" : "getTargetVersions",
  "beanStyleSetterMethodName" : "setTargetVersions",
  "c2jName" : "TargetVersions",
  "c2jShape" : "ElasticsearchVersionList",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the TargetVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#targetVersions(List<String>)}.\n@param targetVersions a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #targetVersions(List<String>)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "targetVersions",
  "fluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param
targetVersions The new value for the TargetVersions property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "targetVersions",
  "getterDocumentation" : "Returns the value of the TargetVersions property for this object.\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The value of the TargetVersions property for this object.",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,

```

```

"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TargetVersions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TargetVersions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

```



```

    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,

```

```

"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TargetVersions",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param
targetVersions The new value for the TargetVersions property for this object.",
"setterMethodName" : "setTargetVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "targetVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "targetVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getSourceVersion",
  "beanStyleSetterMethodName" : "setSourceVersion",
  "c2jName" : "SourceVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain
is.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #sourceVersion(String)}. \n@param sourceVersion a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #sourceVersion(String)",
  "deprecated" : false,

```

```

"documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "sourceVersion",
"fluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "sourceVersion",
"getterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@return The
current version of Elasticsearch on which a domain is.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SourceVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SourceVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "SourceVersion",
"sensitive" : false,
"setterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is.",
"setterMethodName" : "setSourceVersion",
"setterModel" : {

```

```

    "variableDeclarationType" : "String",
    "variableName" : "sourceVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "sourceVersion",
    "variableType" : "String",
    "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getTargetVersions",
  "beanStyleSetterMethodName" : "setTargetVersions",
  "c2jName" : "TargetVersions",
  "c2jShape" : "ElasticsearchVersionList",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the TargetVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#targetVersions(List<String>)}.\n@param targetVersions a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #targetVersions(List<String>)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "targetVersions",
  "fluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param
targetVersions The new value for the TargetVersions property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "targetVersions",
  "getterDocumentation" : "Returns the value of the TargetVersions property for this object.\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The value of the TargetVersions property for this object.",
  "getterModel" : {
    "returnType" : "java.util.List<String>",

```

```

    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "TargetVersions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "TargetVersions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "ElasticsearchVersionString",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "member",
      "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    }
  }
}

```

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    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",

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    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TargetVersions",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param
targetVersions The new value for the TargetVersions property for this object.",
"setterMethodName" : "setTargetVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "targetVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "targetVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,

```

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"required" : null,
"shapeName" : "CompatibleVersionsMap",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "CompatibleVersionsMap",
  "variableName" : "compatibleVersionsMap",
  "variableType" : "CompatibleVersionsMap",
  "documentation" : null,
  "simpleType" : "CompatibleVersionsMap",
  "variableSetterType" : "CompatibleVersionsMap"
},
"wrapper" : false
},
"CreateElasticsearchDomainRequest" : {
  "c2jName" : "CreateElasticsearchDomainRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "CreateElasticsearchDomain",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/domain",
    "target" : null,
    "verb" : "POST",
    "xmlNamespaceUri" : null
  },
  "members" : [ {

```



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"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are
creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names
must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and -
(hyphen).</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique
across the domains owned by an account within an AWS region. Domain names must start with a letter or number
and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names
are unique across the domains owned by an account within an AWS region. Domain names must start with a letter
or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param
domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the
domains owned by an account within an AWS region. Domain names must start with a letter or number and can
contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are
unique across the domains owned by an account within an AWS region. Domain names must start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of
the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account
within an AWS region. Domain names must start with a letter or number and can contain the following characters:
a-z (lowercase), 0-9, and - (hyphen).",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,

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    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are
unique across the domains owned by an account within an AWS region. Domain names must start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName
The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by
an account within an AWS region. Domain names must start with a letter or number and can contain the following
characters: a-z (lowercase), 0-9, and - (hyphen).",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique
across the domains owned by an account within an AWS region. Domain names must start with a letter or number
and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {

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"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service
Developer Guide</i></p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#elasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i></p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg.
\"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i></p>\n@param
elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the
<i>Amazon Elasticsearch Service Developer Guide</i>.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i></p>\n@return String of
format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service
Developer Guide</i>.",
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},

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"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"sensitive" : false,
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",

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    "variableType" : "String",
    "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain.
Specifies the instance type and number of instances in the domain cluster. </p>\nThis is a convenience that creates
an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a consumer that
will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
  "deprecated" : false,
  "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchClusterConfig",
  "fluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance
type and number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration
options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain
cluster. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchClusterConfig",
  "getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type
and number of instances in the domain cluster. </p>\n@return Configuration options for an Elasticsearch domain.
Specifies the instance type and number of instances in the domain cluster.",
  "getterModel" : {
    "returnType" : "ElasticsearchClusterConfig",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchClusterConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchClusterConfig",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "ElasticsearchClusterConfig",
  "sensitive" : false,
  "setterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration options for an
Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",
  "setterMethodName" : "setElasticsearchClusterConfig",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchClusterConfig",
    "variableName" : "elasticsearchClusterConfig",
    "variableType" : "ElasticsearchClusterConfig",
    "documentation" : null,
    "simpleType" : "ElasticsearchClusterConfig",
    "variableSetterType" : "ElasticsearchClusterConfig"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchClusterConfig",
    "variableName" : "elasticsearchClusterConfig",
    "variableType" : "ElasticsearchClusterConfig",
    "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>",
    "simpleType" : "ElasticsearchClusterConfig",
    "variableSetterType" : "ElasticsearchClusterConfig"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEbsOptions",

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"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of
EBS storage volumes. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder}
avoiding the need to create one manually via { @link EBSOptions.Builder#builder()}. \n\nWhen the { @link Consumer}
completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #ebsOptions(EBSOptions)",
"deprecated" : false,
"documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage
volumes. </p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage
volumes.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@return Options to enable, disable and specify the type and size of EBS storage volumes.",
"getterModel" : {
  "returnType" : "EBSOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EBSOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EBSOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>",
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param
accessPolicies a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #accessPolicies(String)",
  "deprecated" : false,
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,

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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"sensitive" : false,
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
}

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    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "String",
      "variableName" : "accessPolicies",
      "variableType" : "String",
      "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getSnapshotOptions",
    "beanStyleSetterMethodName" : "setSnapshotOptions",
    "c2jName" : "SnapshotOptions",
    "c2jShape" : "SnapshotOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>\nThis is a convenience that creates an instance of the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link #snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #snapshotOptions(SnapshotOptions)",
    "deprecated" : false,
    "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "snapshotOptions",
    "fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "snapshotOptions",
    "getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>\n@return Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.",
    "getterModel" : {
      "returnType" : "SnapshotOptions",
      "documentation" : null
    },
    "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value
is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot.
Default value is 0 hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours. </p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},

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    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getVpcOptions",
    "beanStyleSetterMethodName" : "setVpcOptions",
    "c2jName" : "VPCOptions",
    "c2jShape" : "VPCOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of the { @link VPCOptions.Builder} avoiding the need to create one manually via { @link VPCOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCOptions.Builder#build()} is called immediately and its result is passed to { @link #vpcOptions(VPCOptions)}. \n@param vpcOptions a consumer that will call methods on { @link VPCOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #vpcOptions(VPCOptions)",
    "deprecated" : false,
    "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "vpcOptions",
    "fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "vpcOptions",
    "getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@return Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",
    "getterModel" : {
      "returnType" : "VPCOptions",
      "documentation" : null
    },
  },
  "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "VPCOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "VPCOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : null,
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more

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information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*,

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"simpleType" : "VPCOptions",
"variableSetterType" : "VPCOptions"
}, {
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #cognitoOptions(CognitoOptions)",
  "deprecated" : false,
  "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana</a>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cognitoOptions",
  "fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana</a>. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "cognitoOptions",
  "getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana</a>.</p>\n@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana</a>.",
  "getterModel" : {
    "returnType" : "CognitoOptions",
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"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",

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    "variableType" : "CognitoOptions",
    "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\nThis is a
convenience that creates an instance of the { @link EncryptionAtRestOptions.Builder} avoiding the need to create
one manually via { @link EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptions)}. \n@param encryptionAtRestOptions a consumer that will
call methods on { @link EncryptionAtRestOptions.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "encryptionAtRestOptions",
  "fluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param
encryptionAtRestOptions Specifies the Encryption At Rest Options. \n@return Returns a reference to this object so
that method calls can be chained together.",
  "fluentSetterMethodName" : "encryptionAtRestOptions",
  "getterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@return Specifies the Encryption
At Rest Options.",
  "getterModel" : {
    "returnType" : "EncryptionAtRestOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,

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    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EncryptionAtRestOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EncryptionAtRestOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "EncryptionAtRestOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param
encryptionAtRestOptions Specifies the Encryption At Rest Options.",
  "setterMethodName" : "setEncryptionAtRestOptions",
  "setterModel" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : null,
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
  "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
  "c2jName" : "NodeToNodeEncryptionOptions",
  "c2jShape" : "NodeToNodeEncryptionOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\nThis
is a convenience that creates an instance of the { @link NodeToNodeEncryptionOptions.Builder} avoiding the need
to create one manually via { @link NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to

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{ @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}.
nodeToNodeEncryptionOptions a consumer that will call methods on { @link
NodeToNodeEncryptionOptions.Builder}
@return Returns a reference to this object so that method calls can be
chained together.
@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
  "fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
  "getterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@return Specifies the
NodeToNodeEncryptionOptions.",
  "getterModel" : {
    "returnType" : "NodeToNodeEncryptionOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NodeToNodeEncryptionOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "NodeToNodeEncryptionOptions",

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"sensitive" : false,
"setterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #advancedOptions(Map<String,String>)",
  "deprecated" : false,
  "documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

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    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "advancedOptions",
    "fluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\n@param advancedOptions Option to allow references to indices
in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By
default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options</a> for more information.\n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "advancedOptions",
    "getterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\n<p>\nAttempts to modify the collection returned by this method
will result in an UnsupportedOperationException.\n</p>\n@return Option to allow references to indices in an HTTP
request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the
value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options</a> for more information.",
    "getterModel" : {
        "returnType" : "java.util.Map<String,String>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "AdvancedOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "AdvancedOptions",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "key",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Key",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #value(String)}. \n\n@param value a consumer that will call methods on

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{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new

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value for the Value property for this object.",
  "setterMethodName" : "setValue",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"sensitive" : false,
"setterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\n@param advancedOptions Option to allow references to indices
in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By
default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,

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"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
  "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.\n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
  "deprecated" : false,
  "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "logPublishingOptions",
  "fluentEnumSetterMethodName" : "logPublishingOptions",
  "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
  "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>,
each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
  "getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
  "getterModel" : {

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"returnType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKeyAsString",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "LogType",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : "LogType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",

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    "fluentGetterMethodName" : "keyAsString",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that method calls can be chained together.\n@see LogType",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #key } will return { @link LogType#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from { @link #keyAsString }.\n</p>\n@return The value of the Key property for this object.\n@see LogType",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "key",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "key",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Key",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@see LogType",
    "setterMethodName" : "setKey",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "key",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",

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    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link #value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the Value property for this object.",
  "getterModel" : {
    "returnType" : "LogPublishingOption",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,

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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Value",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
  "setterMethodName" : "setValue",
  "setterModel" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : null,
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : "",
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",

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"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
"variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
"variableName" : "logPublishingOptions",
"variableType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null,
"simpleType" : "Map<String,LogPublishingOption>",
"variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
"variableName" : "logPublishingOptions",
"variableType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
"simpleType" : "Map<String,LogPublishingOption>",
"variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
"AccessPolicies" : {
"beanStyleGetterMethodName" : "getAccessPolicies",
"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "PolicyDocument",
"defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param
accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #accessPolicies(String)",
"deprecated" : false,
"documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access
policy as a JSON-formatted string.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"sensitive" : false,
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,

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    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"AdvancedOptions" : {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #advancedOptions(Map<String,String>)",
  "deprecated" : false,
  "documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "advancedOptions",
  "fluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration

```


Advanced Options

for more information.

@param advancedOptions Option to allow references to indices in an HTTP request body. Must be `false` when configuring access to individual sub-resources. By default, the value is `true`. See <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options> Configuration Advanced Options for more information.

@return Returns a reference to this object so that method calls can be chained together.

```
"fluentSetterMethodName" : "advancedOptions",
```

```
"getterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information."
```

```
"getModel" : {
```

```
  "returnType" : "java.util.Map<String,String>",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : null,
```

```
  "marshallLocation" : "PAYLOAD",
```

```
  "marshallLocationName" : "AdvancedOptions",
```

```
  "queryString" : false,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "AdvancedOptions",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : true,
```

```
"mapModel" : {
```

```
  "implType" : "java.util.HashMap",
```

```
  "interfaceType" : "java.util.Map",
```

```
  "keyLocationName" : "key",
```

```
  "keyModel" : {
```

```

"beanStyleGetterMethodName" : "getKey",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```

```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n\n@param value a
consumer that will call methods on { @link String.Builder}\n\n@return Returns a reference to this object so that
method calls can be chained together.\n\n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

```

```

    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
    "setterMethodName" : "setValue",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "value",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",

```

```

    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"sensitive" : false,
"setterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\n@param advancedOptions Option to allow references to indices
in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By
default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration

```

```

Advanced Options</a> for more information.</p>",
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
  },
  "xmlNamespaceUri" : null
},
"CognitoOptions" : {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools
for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding
the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link
CognitoOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #cognitoOptions(CognitoOptions)",
  "deprecated" : false,
  "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cognitoOptions",
  "fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana
authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana</a>.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana
authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana</a>.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "cognitoOptions",
  "getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication.
For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@return Options to
specify the Cognito user and identity pools for Kibana authentication. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
  "getterModel" : {
    "returnType" : "CognitoOptions",
    "documentation" : null
  }
}

```

```

},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",

```

```

    "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "xmlNamespaceUri" : null
},
"DomainName" : {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
  "getterModel" : {
    "returnType" : "String",

```



```

    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",

```

```

    "variableType" : "String",
    "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are
unique across the domains owned by an account within an AWS region. Domain names must start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"EBSOptions" : {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size
of EBS storage volumes. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder}
avoiding the need to create one manually via { @link EBSOptions.Builder#builder()}. \n\nWhen the { @link Consumer}
completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #ebsOptions(EBSOptions)",
  "deprecated" : false,
  "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "ebsOptions",
  "fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage
volumes. </p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage
volumes. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "ebsOptions",
  "getterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@return Options to enable, disable and specify the type and size of EBS storage volumes.",
  "getterModel" : {
    "returnType" : "EBSOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,

```

```

    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EBSOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EBSOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "EBSOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.",
  "setterMethodName" : "setEbsOptions",
  "setterModel" : {
    "variableDeclarationType" : "EBSOptions",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptions",
    "documentation" : null,
    "simpleType" : "EBSOptions",
    "variableSetterType" : "EBSOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EBSOptions",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptions",
    "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>",
    "simpleType" : "EBSOptions",
    "variableSetterType" : "EBSOptions"
  },
  "xmlNamespaceUri" : null
},
"ElasticsearchClusterConfig" : {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfig",

```

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"defaultConsumerFluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
"deprecated" : false,
"documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\n@return Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"sensitive" : false,
"setterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type
and number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration options for
an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
},
"ElasticsearchVersion" : {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service
Developer Guide</i>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#elasticsearchVersion(String)",

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    "deprecated" : false,
    "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
    \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
    service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
    Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchVersion",
    "fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg.
    \"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
    service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
    Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@param
    elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For
    more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
    createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the
    <i>Amazon Elasticsearch Service Developer Guide</i>.\n@return Returns a reference to this object so that method
    calls can be chained together.",
    "fluentSetterMethodName" : "elasticsearchVersion",
    "getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\"
    or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
    service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
    Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@return String of
    format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
    href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
    createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service
    Developer Guide</i>.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ElasticsearchVersion",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ElasticsearchVersion",

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    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ElasticsearchVersion",
  "sensitive" : false,
  "setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.",
  "setterMethodName" : "setElasticsearchVersion",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"EncryptionAtRestOptions" : {
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",

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    "c2jShape" : "EncryptionAtRestOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\nThis is a
convenience that creates an instance of the { @link EncryptionAtRestOptions.Builder} avoiding the need to create
one manually via { @link EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptions)}. \n@param encryptionAtRestOptions a consumer that will
call methods on { @link EncryptionAtRestOptions.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "encryptionAtRestOptions",
    "fluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param
encryptionAtRestOptions Specifies the Encryption At Rest Options. \n@return Returns a reference to this object so
that method calls can be chained together.",
    "fluentSetterMethodName" : "encryptionAtRestOptions",
    "getterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@return Specifies the
Encryption At Rest Options.",
    "getterModel" : {
        "returnType" : "EncryptionAtRestOptions",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "EncryptionAtRestOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "EncryptionAtRestOptions",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param
encryptionAtRestOptions Specifies the Encryption At Rest Options.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNamespaceUri" : null
},
"LogPublishingOptions" : {
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
  "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}.<n\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.<n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}<n@return Returns a reference to this object so that method calls can be
chained together.<n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
  "deprecated" : false,
  "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

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    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "logPublishingOptions",
    "fluentEnumSetterMethodName" : "logPublishingOptions",
    "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
    "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\n@param logPublishingOptions Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
    "getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
    "getterModel" : {
        "returnType" : "java.util.Map<String,LogPublishingOption>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "LogPublishingOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "LogPublishingOptions",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : true,
    "mapModel" : {
        "implType" : "java.util.HashMap",
        "interfaceType" : "java.util.Map",
        "keyLocationName" : "key",
        "keyModel" : {
            "beanStyleGetterMethodName" : "getKeyAsString",
            "beanStyleSetterMethodName" : "setKey",

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    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : "LogType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "key",
    "fluentEnumSetterMethodName" : "key",
    "fluentGetterMethodName" : "keyAsString",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "key",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "key",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the
need to create one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

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    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "LogPublishingOption",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
    "setterMethodName" : "setValue",
    "setterModel" : {
        "variableDeclarationType" : "LogPublishingOption",
        "variableName" : "value",
        "variableType" : "LogPublishingOption",
        "documentation" : null,

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    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : "",
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
},
"NodeToNodeEncryptionOptions" : {

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"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the
NodeToNodeEncryptionOptions.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param nodeToNodeEncryptionOptions a
consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder} \n@return Returns a reference
to this object so that method calls can be chained together. \n@see
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
"deprecated" : false,
"documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions. \n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
"getterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@return Specifies the
NodeToNodeEncryptionOptions.",
"getterModel" : {
  "returnType" : "NodeToNodeEncryptionOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NodeToNodeEncryptionOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
  "uri" : false
},

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    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "NodeToNodeEncryptionOptions",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.",
    "setterMethodName" : "setNodeToNodeEncryptionOptions",
    "setterModel" : {
        "variableDeclarationType" : "NodeToNodeEncryptionOptions",
        "variableName" : "nodeToNodeEncryptionOptions",
        "variableType" : "NodeToNodeEncryptionOptions",
        "documentation" : null,
        "simpleType" : "NodeToNodeEncryptionOptions",
        "variableSetterType" : "NodeToNodeEncryptionOptions"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "NodeToNodeEncryptionOptions",
        "variableName" : "nodeToNodeEncryptionOptions",
        "variableType" : "NodeToNodeEncryptionOptions",
        "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
        "simpleType" : "NodeToNodeEncryptionOptions",
        "variableSetterType" : "NodeToNodeEncryptionOptions"
    },
    "xmlNamespaceUri" : null
},
"SnapshotOptions" : {
    "beanStyleGetterMethodName" : "getSnapshotOptions",
    "beanStyleSetterMethodName" : "setSnapshotOptions",
    "c2jName" : "SnapshotOptions",
    "c2jShape" : "SnapshotOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily
automated snapshot. Default value is 0 hours. </p>\nThis is a convenience that creates an instance of the {@link
SnapshotOptions.Builder} avoiding the need to create one manually via {@link
SnapshotOptions#builder()}. \n\nWhen the {@link Consumer} completes, {@link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on {@link
SnapshotOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #snapshotOptions(SnapshotOptions)",
    "deprecated" : false,
    "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0

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hours. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "snapshotOptions",
  "fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot.
Default value is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated
snapshot. Default value is 0 hours.\n@return Returns a reference to this object so that method calls can be chained
together.",
  "fluentSetterMethodName" : "snapshotOptions",
  "getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default
value is 0 hours. </p>\n@return Option to set time, in UTC format, of the daily automated snapshot. Default value is
0 hours.",
  "getterModel" : {
    "returnType" : "SnapshotOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "SnapshotOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "SnapshotOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "SnapshotOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default
value is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated

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snapshot. Default value is 0 hours.",
  "setterMethodName" : "setSnapshotOptions",
  "setterModel" : {
    "variableDeclarationType" : "SnapshotOptions",
    "variableName" : "snapshotOptions",
    "variableType" : "SnapshotOptions",
    "documentation" : null,
    "simpleType" : "SnapshotOptions",
    "variableSetterType" : "SnapshotOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "SnapshotOptions",
    "variableName" : "snapshotOptions",
    "variableType" : "SnapshotOptions",
    "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours. </p>",
    "simpleType" : "SnapshotOptions",
    "variableSetterType" : "SnapshotOptions"
  },
  "xmlNamespaceUri" : null
},
"VPCOptions" : {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for
VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC
Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of
the { @link VPCOptions.Builder} avoiding the need to create one manually via { @link
VPCOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCOptions.Builder#build()} is
called immediately and its result is passed to { @link #vpcOptions(VPCOptions)}. \n@param vpcOptions a
consumer that will call methods on { @link VPCOptions.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #vpcOptions(VPCOptions)",
  "deprecated" : false,
  "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,

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    "fluentGetterMethodName" : "vpcOptions",
    "fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch
Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC
endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC
Endpoints for Amazon Elasticsearch Service Domains</i>\n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "vpcOptions",
    "getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>\n@return Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i>",
    "getterModel" : {
        "returnType" : "VPCOptions",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "VPCOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "VPCOptions",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "VPCOptions",
    "sensitive" : false,
    "setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more

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information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*
 @param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*,

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    "setterMethodName" : "setVpcOptions",
    "setterModel" : {
      "variableDeclarationType" : "VPCOptions",
      "variableName" : "vpcOptions",
      "variableType" : "VPCOptions",
      "documentation" : null,
      "simpleType" : "VPCOptions",
      "variableSetterType" : "VPCOptions"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "VPCOptions",
      "variableName" : "vpcOptions",
      "variableType" : "VPCOptions",
      "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains</p>",
      "simpleType" : "VPCOptions",
      "variableSetterType" : "VPCOptions"
    },
    "xmlNamespaceUri" : null
  }
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}. \n@param domainName a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names
are unique across the domains owned by an account within an AWS region. Domain names must start with a letter
or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param
domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the
domains owned by an account within an AWS region. Domain names must start with a letter or number and can
contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are
unique across the domains owned by an account within an AWS region. Domain names must start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of
the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account
within an AWS region. Domain names must start with a letter or number and can contain the following characters:
a-z (lowercase), 0-9, and - (hyphen).",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,

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"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or

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\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\",
  \"endpointDiscoveryId\" : false,
  \"enumType\" : null,
  \"eventHeader\" : false,
  \"eventPayload\" : false,
  \"fluentEnumGetterMethodName\" : null,
  \"fluentEnumSetterMethodName\" : null,
  \"fluentGetterMethodName\" : \"elasticsearchVersion\",
  \"fluentSetterDocumentation\" : \"<p>String of format X.Y to specify version for the Elasticsearch domain eg.
\"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@param
elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the
<i>Amazon Elasticsearch Service Developer Guide</i>.\n@return Returns a reference to this object so that method
calls can be chained together.\",
  \"fluentSetterMethodName\" : \"elasticsearchVersion\",
  \"getterDocumentation\" : \"<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@return String of
format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service
Developer Guide</i>.\",
  \"getterModel\" : {
    \"returnType\" : \"String\",
    \"documentation\" : null
  },
  \"http\" : {
    \"additionalMarshallingPath\" : null,
    \"additionalUnmarshallingPath\" : null,
    \"flattened\" : false,
    \"greedy\" : false,
    \"header\" : false,
    \"isPayload\" : false,
    \"isStreaming\" : false,
    \"location\" : null,
    \"marshallLocation\" : \"PAYLOAD\",
    \"marshallLocationName\" : \"ElasticsearchVersion\",
    \"queryString\" : false,
    \"statusCode\" : false,
    \"unmarshallLocationName\" : \"ElasticsearchVersion\",
    \"uri\" : false
  },
}

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"sensitive" : false,
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@param
elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains</a> in the
<i>Amazon Elasticsearch Service Developer Guide</i>.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain.
Specifies the instance type and number of instances in the domain cluster. </p>\nThis is a convenience that creates

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an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}.
When the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}.
@param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",

```
"deprecated" : false,
"documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\n@return Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"sensitive" : false,
"setterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration options for an
Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of
EBS storage volumes. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder }
avoiding the need to create one manually via { @link EBSOptions#builder() }. \n\nWhen the { @link Consumer }
completes, { @link EBSOptions.Builder#build() } is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions) }. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #ebsOptions(EBSOptions)",
  "deprecated" : false,
  "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage
volumes. </p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage
volumes.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@return Options to enable, disable and specify the type and size of EBS storage volumes.",
"getterModel" : {
  "returnType" : "EBSOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EBSOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EBSOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",

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    "variableSetterType" : "EBSOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EBSOptions",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptions",
    "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>",
    "simpleType" : "EBSOptions",
    "variableSetterType" : "EBSOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param
accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #accessPolicies(String)",
  "deprecated" : false,
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "accessPolicies",
  "fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "accessPolicies",
  "getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AccessPolicies",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AccessPolicies",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "AccessPolicies",
  "sensitive" : false,
  "setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
  "setterMethodName" : "setAccessPolicies",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",

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    "c2jShape" : "SnapshotOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated
snapshot. Default value is 0 hours. </p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
    "deprecated" : false,
    "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "snapshotOptions",
    "fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default
value is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated
snapshot. Default value is 0 hours. \n@return Returns a reference to this object so that method calls can be chained
together.",
    "fluentSetterMethodName" : "snapshotOptions",
    "getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value
is 0 hours. </p>\n@return Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours.",
    "getterModel" : {
        "returnType" : "SnapshotOptions",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "SnapshotOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "SnapshotOptions",
        "uri" : false
    },
    "idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value
is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot.
Default value is 0 hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours. </p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for
VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC
Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of
the { @link VPCOptions.Builder} avoiding the need to create one manually via { @link
VPCOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCOptions.Builder#build()} is
called immediately and its result is passed to { @link #vpcOptions(VPCOptions)}. \n@param vpcOptions a
consumer that will call methods on { @link VPCOptions.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #vpcOptions(VPCOptions)",
  "deprecated" : false,

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"documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "vpcOptions",

"fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@return Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",

"getterModel" : {

"returnType" : "VPCOptions",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "VPCOptions",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "VPCOptions",

"uri" : false

},

"idempotencyToken" : false,


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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : null,
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding

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the need to create one manually via { @link CognitoOptions#builder()}.
When the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}.
@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #cognitoOptions(CognitoOptions)",

"deprecated" : false,

"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "cognitoOptions",

"fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>
@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "cognitoOptions",

"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>
@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.",

"getterModel" : {

"returnType" : "CognitoOptions",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "CognitoOptions",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "CognitoOptions",

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    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "CognitoOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
  "setterMethodName" : "setCognitoOptions",
  "setterModel" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "cognitoOptions",
    "variableType" : "CognitoOptions",
    "documentation" : null,
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "cognitoOptions",
    "variableType" : "CognitoOptions",
    "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\nThis is a convenience that creates an instance of the { @link EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link

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EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to {@link #encryptionAtRestOptions(EncryptionAtRestOptions)}.
@param encryptionAtRestOptions a consumer that will call methods on {@link EncryptionAtRestOptions.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #encryptionAtRestOptions(EncryptionAtRestOptions)",

```
"deprecated" : false,
"documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param encryptionAtRestOptions Specifies the Encryption At Rest Options.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@return Specifies the Encryption At Rest Options.",
"getterModel" : {
  "returnType" : "EncryptionAtRestOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
```

```

"sensitive" : false,
"setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param
encryptionAtRestOptions Specifies the Encryption At Rest Options.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
  "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
  "c2jName" : "NodeToNodeEncryptionOptions",
  "c2jShape" : "NodeToNodeEncryptionOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\nThis
is a convenience that creates an instance of the { @link NodeToNodeEncryptionOptions.Builder} avoiding the need
to create one manually via { @link NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to
{ @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param
nodeToNodeEncryptionOptions a consumer that will call methods on { @link
NodeToNodeEncryptionOptions.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
  "fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions. \n@return Returns a reference to this
object so that method calls can be chained together.",

```

```

    "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
    "getterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@return Specifies the
NodeToNodeEncryptionOptions.",
    "getterModel" : {
        "returnType" : "NodeToNodeEncryptionOptions",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "NodeToNodeEncryptionOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "NodeToNodeEncryptionOptions",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.",
    "setterMethodName" : "setNodeToNodeEncryptionOptions",
    "setterModel" : {
        "variableDeclarationType" : "NodeToNodeEncryptionOptions",
        "variableName" : "nodeToNodeEncryptionOptions",
        "variableType" : "NodeToNodeEncryptionOptions",
        "documentation" : null,
        "simpleType" : "NodeToNodeEncryptionOptions",
        "variableSetterType" : "NodeToNodeEncryptionOptions"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "NodeToNodeEncryptionOptions",

```

```

    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #advancedOptions(Map<String,String>)",
  "deprecated" : false,
  "documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "advancedOptions",
  "fluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\n@param advancedOptions Option to allow references to indices
in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By
default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options</a> for more information. \n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "advancedOptions",
  "getterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be

```

`false` when configuring access to individual sub-resources. By default, the value is `true`. See [Configuration Advanced Options](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options) for more information.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

return Option to allow references to indices in an HTTP request body. Must be `false` when configuring access to individual sub-resources. By default, the value is `true`. See [Configuration Advanced Options](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options) for more information.

```
"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdvancedOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdvancedOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
```

```
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}. \n\n@param key a consumer that will call methods on
```



```

{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "key",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "key",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Key",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value

```

for the Key property for this object.",

```
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
```

"valueLocationName" : "value",

```
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
```

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the [{@link String.Builder}](#) avoiding the need to create one manually via [{@link String#builder\(\)}](#).\n\nWhen the [{@link Consumer}](#) completes, [{@link String.Builder#build\(\)}](#) is called immediately and its result is passed to [{@link #value\(String\)}](#).\n@param value a consumer that will call methods on [{@link String.Builder}](#)\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(String)",

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
```

"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "value",
```

```
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
```

```

Value property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Value",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
  "setterMethodName" : "setValue",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",

```

```

    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"sensitive" : false,
"setterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\n@param advancedOptions Option to allow references to indices
in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By
default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
  "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",

```

```

    "c2jName" : "LogPublishingOptions",
    "c2jShape" : "LogPublishingOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.\n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
    "deprecated" : false,
    "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "logPublishingOptions",
    "fluentEnumSetterMethodName" : "logPublishingOptions",
    "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
    "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>,
each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
    "getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
    "getterModel" : {
        "returnType" : "java.util.Map<String,LogPublishingOption>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "LogPublishingOptions",
        "queryString" : false,
        "statusCode" : false,

```

```

    "unmarshallLocationName" : "LogPublishingOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : true,
  "mapModel" : {
    "implType" : "java.util.HashMap",
    "interfaceType" : "java.util.Map",
    "keyLocationName" : "key",
    "keyModel" : {
      "beanStyleGetterMethodName" : "getKeyAsString",
      "beanStyleSetterMethodName" : "setKey",
      "c2jName" : "key",
      "c2jShape" : "LogType",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : "LogType",
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : "key",
      "fluentEnumSetterMethodName" : "key",
      "fluentGetterMethodName" : "keyAsString",
      "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
      "fluentSetterMethodName" : "key",
      "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
      "getterModel" : {
        "returnType" : "String",
        "documentation" : null
      },
      "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,

```

```

    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Key",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {

```

```

"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "value",
"c2jShape" : "LogPublishingOption",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create
one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(LogPublishingOption)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

```



```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",

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    "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
    "variableName" : "logPublishingOptions",
    "variableType" : "java.util.Map<String,LogPublishingOption>",
    "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
    "simpleType" : "Map<String,LogPublishingOption>",
    "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "CreateElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "CreateElasticsearchDomainRequest",
  "variableName" : "createElasticsearchDomainRequest",
  "variableType" : "CreateElasticsearchDomainRequest",
  "documentation" : null,
  "simpleType" : "CreateElasticsearchDomainRequest",
  "variableSetterType" : "CreateElasticsearchDomainRequest"
},
"wrapper" : false
},
"CreateElasticsearchDomainResponse" : {
  "c2jName" : "CreateElasticsearchDomainResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The result of a <code>CreateElasticsearchDomain</code> operation. Contains the status
of the newly created Elasticsearch domain.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,

```

```

"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainStatus",
  "beanStyleSetterMethodName" : "setDomainStatus",
  "c2jName" : "DomainStatus",
  "c2jShape" : "ElasticsearchDomainStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the
need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to
{ @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call methods on
{ @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",
  "deprecated" : false,
  "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainStatus",
  "fluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain. \n@return Returns a reference to this object so
that method calls can be chained together.",
  "fluentSetterMethodName" : "domainStatus",
  "getterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@return The status
of the newly created Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "ElasticsearchDomainStatus",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",

```

```

    "marshallLocationName" : "DomainStatus",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainStatus",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "DomainStatus",
  "sensitive" : false,
  "setterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain.",
  "setterMethodName" : "setDomainStatus",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainStatus" : {
    "beanStyleGetterMethodName" : "getDomainStatus",
    "beanStyleSetterMethodName" : "setDomainStatus",
    "c2jName" : "DomainStatus",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the
need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link Consumer}

```

completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to { @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call methods on { @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",

```
"deprecated" : false,
"documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatus",
"fluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "domainStatus",
"getterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@return The status
of the newly created Elasticsearch domain.",
"getterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
```

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"sensitive" : false,
"setterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain.",
"setterMethodName" : "setDomainStatus",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainStatus",
  "beanStyleSetterMethodName" : "setDomainStatus",
  "c2jName" : "DomainStatus",
  "c2jShape" : "ElasticsearchDomainStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the
need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to
{ @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call methods on
{ @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",
  "deprecated" : false,
  "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainStatus",
  "fluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain. \n@return Returns a reference to this object so

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```

that method calls can be chained together.",
  "fluentSetterMethodName" : "domainStatus",
  "getterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@return The status
of the newly created Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "ElasticsearchDomainStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainStatus",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainStatus",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "DomainStatus",
  "sensitive" : false,
  "setterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain.",
  "setterMethodName" : "setDomainStatus",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {

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    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CreateElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "CreateElasticsearchDomainResponse",
  "variableName" : "createElasticsearchDomainResponse",
  "variableType" : "CreateElasticsearchDomainResponse",
  "documentation" : null,
  "simpleType" : "CreateElasticsearchDomainResponse",
  "variableSetterType" : "CreateElasticsearchDomainResponse"
},
"wrapper" : false
},
"DeleteElasticsearchDomainRequest" : {
  "c2jName" : "DeleteElasticsearchDomainRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for the parameters to the <code><a>DeleteElasticsearchDomain</a></code> operation. Specifies the name of the Elasticsearch domain that you want to delete.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,

```



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"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "DeleteElasticsearchDomain",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/domain/{DomainName}",
  "target" : null,
  "verb" : "DELETE",
  "xmlNamespaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently delete.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\n@return The name of the Elasticsearch domain that you want to permanently delete.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,

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    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : true
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently delete.",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",

```

"defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n\n@param domainName a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #domainName(String)",

"deprecated" : false,

"documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "domainName",

"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\n\n@param domainName The name of the Elasticsearch domain that you want to permanently delete. \n\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "domainName",

"getterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\n\n@return The name of the Elasticsearch domain that you want to permanently delete.",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : "uri",

"marshallLocation" : "PATH",

"marshallLocationName" : "DomainName",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "DomainName",

"uri" : true

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

```

"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently delete.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to
permanently delete.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently

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```

delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently
delete.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@return The name of the Elasticsearch domain that you want to permanently delete.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : "uri",
        "marshallLocation" : "PATH",
        "marshallLocationName" : "DomainName",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "DomainName",
        "uri" : true
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "DomainName",
    "sensitive" : false,
    "setterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently delete.",
    "setterMethodName" : "setDomainName",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "domainName",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,

```

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"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "DeleteElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DeleteElasticsearchDomainRequest",
  "variableName" : "deleteElasticsearchDomainRequest",
  "variableType" : "DeleteElasticsearchDomainRequest",
  "documentation" : null,
  "simpleType" : "DeleteElasticsearchDomainRequest",
  "variableSetterType" : "DeleteElasticsearchDomainRequest"
},
"wrapper" : false
},
"DeleteElasticsearchDomainResponse" : {
  "c2jName" : "DeleteElasticsearchDomainResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The result of a <code>DeleteElasticsearchDomain</code> request. Contains the status of the pending deletion, or no status if the domain and all of its resources have been deleted.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,

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"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainStatus",
  "beanStyleSetterMethodName" : "setDomainStatus",
  "c2jName" : "DomainStatus",
  "c2jShape" : "ElasticsearchDomainStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being
deleted.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call
methods on { @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",
  "deprecated" : false,
  "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainStatus",
  "fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param
domainStatus The status of the Elasticsearch domain being deleted. \n@return Returns a reference to this object so
that method calls can be chained together.",
  "fluentSetterMethodName" : "domainStatus",
  "getterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@return The status of
the Elasticsearch domain being deleted.",
  "getterModel" : {
    "returnType" : "ElasticsearchDomainStatus",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatus",
  "uri" : false
}

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    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "DomainStatus",
    "sensitive" : false,
    "setterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param domainStatus
The status of the Elasticsearch domain being deleted.",
    "setterMethodName" : "setDomainStatus",
    "setterModel" : {
        "variableDeclarationType" : "ElasticsearchDomainStatus",
        "variableName" : "domainStatus",
        "variableType" : "ElasticsearchDomainStatus",
        "documentation" : null,
        "simpleType" : "ElasticsearchDomainStatus",
        "variableSetterType" : "ElasticsearchDomainStatus"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "ElasticsearchDomainStatus",
        "variableName" : "domainStatus",
        "variableType" : "ElasticsearchDomainStatus",
        "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
        "simpleType" : "ElasticsearchDomainStatus",
        "variableSetterType" : "ElasticsearchDomainStatus"
    },
    "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
    "DomainStatus" : {
        "beanStyleGetterMethodName" : "getDomainStatus",
        "beanStyleSetterMethodName" : "setDomainStatus",
        "c2jName" : "DomainStatus",
        "c2jShape" : "ElasticsearchDomainStatus",
        "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being
deleted.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call
methods on { @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",
        "deprecated" : false,

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"documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatus",
"fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param
domainStatus The status of the Elasticsearch domain being deleted.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "domainStatus",
"getterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@return The status
of the Elasticsearch domain being deleted.",
"getterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"sensitive" : false,
"setterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param
domainStatus The status of the Elasticsearch domain being deleted.",
"setterMethodName" : "setDomainStatus",
"setterModel" : {

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"variableDeclarationType" : "ElasticsearchDomainStatus",
"variableName" : "domainStatus",
"variableType" : "ElasticsearchDomainStatus",
"documentation" : null,
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainStatus",
  "beanStyleSetterMethodName" : "setDomainStatus",
  "c2jName" : "DomainStatus",
  "c2jShape" : "ElasticsearchDomainStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being
deleted.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call
methods on { @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",
  "deprecated" : false,
  "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainStatus",
  "fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param
domainStatus The status of the Elasticsearch domain being deleted. \n@return Returns a reference to this object so
that method calls can be chained together.",
  "fluentSetterMethodName" : "domainStatus",
  "getterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@return The status of
the Elasticsearch domain being deleted.",
  "getterModel" : {

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    "returnType" : "ElasticsearchDomainStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainStatus",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainStatus",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "DomainStatus",
  "sensitive" : false,
  "setterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param domainStatus
The status of the Elasticsearch domain being deleted.",
  "setterMethodName" : "setDomainStatus",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
    "simpleType" : "ElasticsearchDomainStatus",

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    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DeleteElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DeleteElasticsearchDomainResponse",
  "variableName" : "deleteElasticsearchDomainResponse",
  "variableType" : "DeleteElasticsearchDomainResponse",
  "documentation" : null,
  "simpleType" : "DeleteElasticsearchDomainResponse",
  "variableSetterType" : "DeleteElasticsearchDomainResponse"
},
"wrapper" : false
},
"DeleteElasticsearchServiceRoleRequest" : {
  "c2jName" : "DeleteElasticsearchServiceRoleRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : null,
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "DeleteElasticsearchServiceRole",
    "locationName" : null,

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    "requestUri" : "/2015-01-01/es/role",
    "target" : null,
    "verb" : "DELETE",
    "xmlNamespaceUri" : null
  },
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "DeleteElasticsearchServiceRoleRequest",
  "simpleMethod" : true,
  "unmarshaller" : null,
  "variable" : {
    "variableDeclarationType" : "DeleteElasticsearchServiceRoleRequest",
    "variableName" : "deleteElasticsearchServiceRoleRequest",
    "variableType" : "DeleteElasticsearchServiceRoleRequest",
    "documentation" : null,
    "simpleType" : "DeleteElasticsearchServiceRoleRequest",
    "variableSetterType" : "DeleteElasticsearchServiceRoleRequest"
  },
  "wrapper" : false
},
"DeleteElasticsearchServiceRoleResponse" : {
  "c2jName" : "DeleteElasticsearchServiceRoleResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : null,
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ ],

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"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DeleteElasticsearchServiceRoleResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DeleteElasticsearchServiceRoleResponse",
  "variableName" : "deleteElasticsearchServiceRoleResponse",
  "variableType" : "DeleteElasticsearchServiceRoleResponse",
  "documentation" : null,
  "simpleType" : "DeleteElasticsearchServiceRoleResponse",
  "variableSetterType" : "DeleteElasticsearchServiceRoleResponse"
},
"wrapper" : false
},
"DeploymentStatus" : {
  "c2jName" : "DeploymentStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscovery" : null,
  "enums" : [ {
    "name" : "PENDING_UPDATE",
    "value" : "PENDING_UPDATE"
  }, {
    "name" : "IN_PROGRESS",
    "value" : "IN_PROGRESS"
  }, {
    "name" : "COMPLETED",
    "value" : "COMPLETED"
  }, {
    "name" : "NOT_ELIGIBLE",
    "value" : "NOT_ELIGIBLE"
  }, {
    "name" : "ELIGIBLE",
    "value" : "ELIGIBLE"
  }
]

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    } ],
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : null,
    "members" : [ ],
    "membersAsMap" : { },
    "nonStreamingMembers" : [ ],
    "requestSignerAware" : false,
    "requestSignerClassFqcn" : null,
    "required" : null,
    "shapeName" : "DeploymentStatus",
    "simpleMethod" : false,
    "unmarshaller" : {
      "flattened" : false,
      "resultWrapper" : null
    },
    "variable" : {
      "variableDeclarationType" : "DeploymentStatus",
      "variableName" : "deploymentStatus",
      "variableType" : "DeploymentStatus",
      "documentation" : null,
      "simpleType" : "DeploymentStatus",
      "variableSetterType" : "DeploymentStatus"
    },
    "wrapper" : false
  },
  "DescribeElasticsearchDomainConfigRequest" : {
    "c2jName" : "DescribeElasticsearchDomainConfigRequest",
    "customization" : {
      "artificialResultWrapper" : null,
      "skipGeneratingMarshaller" : false,
      "skipGeneratingModelClass" : false,
      "skipGeneratingUnmarshaller" : false,
      "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p> Container for the parameters to the <code>DescribeElasticsearchDomainConfig</code>
operation. Specifies the domain name for which you want configuration information.</p>",
    "endpointDiscovery" : null,
    "enums" : null,
    "errorCode" : null,

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"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "DescribeElasticsearchDomainConfig",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/domain/{DomainName}/config",
  "target" : null,
  "verb" : "GET",
  "xmlNamespaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get
information about.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information
about.</p>\n@param domainName The Elasticsearch domain that you want to get information about.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@return
The Elasticsearch domain that you want to get information about.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,

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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : true
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@param
domainName The Elasticsearch domain that you want to get information about.",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {

```

```

"DomainName" : {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get
information about.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information
about.</p>\n@param domainName The Elasticsearch domain that you want to get information about. \n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@return
The Elasticsearch domain that you want to get information about.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@param
domainName The Elasticsearch domain that you want to get information about.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get
information about.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information
about.</p>\n@param domainName The Elasticsearch domain that you want to get information about.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@return
The Elasticsearch domain that you want to get information about.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@param
domainName The Elasticsearch domain that you want to get information about.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,

```

```

    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "DescribeElasticsearchDomainConfigRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DescribeElasticsearchDomainConfigRequest",
  "variableName" : "describeElasticsearchDomainConfigRequest",
  "variableType" : "DescribeElasticsearchDomainConfigRequest",
  "documentation" : null,
  "simpleType" : "DescribeElasticsearchDomainConfigRequest",
  "variableSetterType" : "DescribeElasticsearchDomainConfigRequest"
},
"wrapper" : false
},
"DescribeElasticsearchDomainConfigResponse" : {
  "c2jName" : "DescribeElasticsearchDomainConfigResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The result of a <code>DescribeElasticsearchDomainConfig</code> request. Contains the configuration information of the requested domain.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,

```

```

"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainConfig",
  "beanStyleSetterMethodName" : "setDomainConfig",
  "c2jName" : "DomainConfig",
  "c2jShape" : "ElasticsearchDomainConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p>The configuration information of the domain requested in
the <code>DescribeElasticsearchDomainConfig</code> request.</p>\nThis is a convenience that creates an
instance of the { @link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link
#domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call methods on
{ @link ElasticsearchDomainConfig.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #domainConfig(ElasticsearchDomainConfig)",
  "deprecated" : false,
  "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainConfig",
  "fluentSetterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainConfig",
  "getterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@return The configuration information of the
domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
  "getterModel" : {
    "returnType" : "ElasticsearchDomainConfig",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,

```

```

    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainConfig",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "DomainConfig",
  "sensitive" : false,
  "setterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
  "setterMethodName" : "setDomainConfig",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainConfig",
    "variableName" : "domainConfig",
    "variableType" : "ElasticsearchDomainConfig",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainConfig",
    "variableSetterType" : "ElasticsearchDomainConfig"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchDomainConfig",
    "variableName" : "domainConfig",
    "variableType" : "ElasticsearchDomainConfig",
    "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
    "simpleType" : "ElasticsearchDomainConfig",
    "variableSetterType" : "ElasticsearchDomainConfig"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainConfig" : {
    "beanStyleGetterMethodName" : "getDomainConfig",

```

```

"beanStyleSetterMethodName" : "setDomainConfig",
"c2jName" : "DomainConfig",
"c2jShape" : "ElasticsearchDomainConfig",
"defaultConsumerFluentSetterDocumentation" : "<p>The configuration information of the domain requested
in the <code>DescribeElasticsearchDomainConfig</code> request.</p>\nThis is a convenience that creates an
instance of the { @link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link
#domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call methods on
{ @link ElasticsearchDomainConfig.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #domainConfig(ElasticsearchDomainConfig)",
"deprecated" : false,
"documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request. \n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainConfig",
"getterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@return The configuration information of the
domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
"getterModel" : {
  "returnType" : "ElasticsearchDomainConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainConfig",
  "uri" : false
}

```



```

    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "DomainConfig",
    "sensitive" : false,
    "setterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
    "setterMethodName" : "setDomainConfig",
    "setterModel" : {
        "variableDeclarationType" : "ElasticsearchDomainConfig",
        "variableName" : "domainConfig",
        "variableType" : "ElasticsearchDomainConfig",
        "documentation" : null,
        "simpleType" : "ElasticsearchDomainConfig",
        "variableSetterType" : "ElasticsearchDomainConfig"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "ElasticsearchDomainConfig",
        "variableName" : "domainConfig",
        "variableType" : "ElasticsearchDomainConfig",
        "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
        "simpleType" : "ElasticsearchDomainConfig",
        "variableSetterType" : "ElasticsearchDomainConfig"
    },
    "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getDomainConfig",
    "beanStyleSetterMethodName" : "setDomainConfig",
    "c2jName" : "DomainConfig",
    "c2jShape" : "ElasticsearchDomainConfig",
    "defaultConsumerFluentSetterDocumentation" : "<p>The configuration information of the domain requested in
the <code>DescribeElasticsearchDomainConfig</code> request.</p>\nThis is a convenience that creates an
instance of the { @link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link
#domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call methods on

```

```

{ @link ElasticsearchDomainConfig.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #domainConfig(ElasticsearchDomainConfig)",
  "deprecated" : false,
  "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainConfig",
  "fluentSetterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainConfig",
  "getterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@return The configuration information of the
domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
  "getterModel" : {
    "returnType" : "ElasticsearchDomainConfig",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainConfig",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",

```

```

"name" : "DomainConfig",
"sensitive" : false,
"setterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
"setterMethodName" : "setDomainConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainConfig" ],
"shapeName" : "DescribeElasticsearchDomainConfigResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DescribeElasticsearchDomainConfigResponse",
  "variableName" : "describeElasticsearchDomainConfigResponse",
  "variableType" : "DescribeElasticsearchDomainConfigResponse",
  "documentation" : null,
  "simpleType" : "DescribeElasticsearchDomainConfigResponse",
  "variableSetterType" : "DescribeElasticsearchDomainConfigResponse"
},
"wrapper" : false
},
"DescribeElasticsearchDomainRequest" : {
  "c2jName" : "DescribeElasticsearchDomainRequest",

```

```

"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Container for the parameters to the
<code><a>DescribeElasticsearchDomain</a></code> operation.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "DescribeElasticsearchDomain",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/domain/{DomainName}",
  "target" : null,
  "verb" : "GET",
  "xmlNamespaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,

```

```

"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@param domainName The name of the Elasticsearch domain for which you want
information.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@return The name of the Elasticsearch domain for which you want information.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@param domainName The name of the Elasticsearch domain for which you want information.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

```

```

"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>\n@param domainName The name of the Elasticsearch domain for which you want information.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>\n@return The name of the Elasticsearch domain for which you want information.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

```

```

    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : true
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@param domainName The name of the Elasticsearch domain for which you want information.",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",

```

```

"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@param domainName The name of the Elasticsearch domain for which you want
information.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@return The name of the Elasticsearch domain for which you want information.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,

```



```

"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@param domainName The name of the Elasticsearch domain for which you want information.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "DescribeElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DescribeElasticsearchDomainRequest",
  "variableName" : "describeElasticsearchDomainRequest",
  "variableType" : "DescribeElasticsearchDomainRequest",
  "documentation" : null,
  "simpleType" : "DescribeElasticsearchDomainRequest",
  "variableSetterType" : "DescribeElasticsearchDomainRequest"
},
"wrapper" : false
},
"DescribeElasticsearchDomainResponse" : {
  "c2jName" : "DescribeElasticsearchDomainResponse",
  "customization" : {
    "artificialResultWrapper" : null,

```

```

"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The result of a <code>DescribeElasticsearchDomain</code> request. Contains the status
of the domain specified in the request.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainStatus",
  "beanStyleSetterMethodName" : "setDomainStatus",
  "c2jName" : "DomainStatus",
  "c2jShape" : "ElasticsearchDomainStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\nThis
is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the need to
create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to { @link
#domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call methods on { @link
ElasticsearchDomainStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #domainStatus(ElasticsearchDomainStatus)",
  "deprecated" : false,
  "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainStatus",
  "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param domainStatus
The current status of the Elasticsearch domain. \n@return Returns a reference to this object so that method calls can
be chained together.",
  "fluentSetterMethodName" : "domainStatus",
  "getterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@return The current status
of the Elasticsearch domain.",
  "getterModel" : {

```

```

    "returnType" : "ElasticsearchDomainStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainStatus",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainStatus",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "DomainStatus",
  "sensitive" : false,
  "setterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param domainStatus The
current status of the Elasticsearch domain.",
  "setterMethodName" : "setDomainStatus",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
    "simpleType" : "ElasticsearchDomainStatus",

```

```

    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainStatus" : {
    "beanStyleGetterMethodName" : "getDomainStatus",
    "beanStyleSetterMethodName" : "setDomainStatus",
    "c2jName" : "DomainStatus",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch
domain.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call
methods on { @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",
    "deprecated" : false,
    "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainStatus",
    "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param
domainStatus The current status of the Elasticsearch domain. \n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "domainStatus",
    "getterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@return The current status
of the Elasticsearch domain.",
    "getterModel" : {
      "returnType" : "ElasticsearchDomainStatus",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainStatus",
    "queryString" : false,

```

```

    "statusCode" : false,
    "unmarshallLocationName" : "DomainStatus",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "DomainStatus",
  "sensitive" : false,
  "setterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param domainStatus The
current status of the Elasticsearch domain.",
  "setterMethodName" : "setDomainStatus",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainStatus",
  "beanStyleSetterMethodName" : "setDomainStatus",
  "c2jName" : "DomainStatus",
  "c2jShape" : "ElasticsearchDomainStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\nThis
is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the need to
create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to { @link
#domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call methods on { @link

```

ElasticsearchDomainStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainStatus(ElasticsearchDomainStatus)",

```
"deprecated" : false,
"documentation" : "<p>The current status of the Elasticsearch domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatus",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param domainStatus
```

The current status of the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "domainStatus",
"getterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@return The current status
of the Elasticsearch domain.",
```

```
"getterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
},
```

```
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatus",
  "uri" : false
```

```
},
"idempotencyToken" : false,
```

```
"isBinary" : false,
"jsonValue" : false,
```

```
"list" : false,
"listModel" : null,
```

```
"map" : false,
"mapModel" : null,
```

```
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
```

```
"sensitive" : false,
```

```
"setterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param domainStatus The
```

```

current status of the Elasticsearch domain.",
  "setterMethodName" : "setDomainStatus",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainStatus" ],
"shapeName" : "DescribeElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DescribeElasticsearchDomainResponse",
  "variableName" : "describeElasticsearchDomainResponse",
  "variableType" : "DescribeElasticsearchDomainResponse",
  "documentation" : null,
  "simpleType" : "DescribeElasticsearchDomainResponse",
  "variableSetterType" : "DescribeElasticsearchDomainResponse"
},
"wrapper" : false
},
"DescribeElasticsearchDomainsRequest" : {
  "c2jName" : "DescribeElasticsearchDomainsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,

```

```

    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for the parameters to the
<code><a>DescribeElasticsearchDomains</a></code> operation. By default, the API returns the status of all
Elasticsearch domains.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "DescribeElasticsearchDomains",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/domain-info",
    "target" : null,
    "verb" : "POST",
    "xmlNameSpaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getDomainNames",
    "beanStyleSetterMethodName" : "setDomainNames",
    "c2jName" : "DomainNames",
    "c2jShape" : "DomainNameList",
    "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want
information.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the
need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<String>.Builder#build()} is called immediately and its result is passed to { @link
#domainNames(List<String>)}. \n@param domainNames a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #domainNames(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainNames",
    "fluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n@param
domainNames The Elasticsearch domains for which you want information. \n@return Returns a reference to this

```


object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "domainNames",
```

```
"getterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return The Elasticsearch domains for which you want information.",
```

```
"getterModel" : {
```

```
  "returnType" : "java.util.List<String>",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : null,
```

```
  "marshallLocation" : "PAYLOAD",
```

```
  "marshallLocationName" : "DomainNames",
```

```
  "queryString" : false,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "DomainNames",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : true,
```

```
"listModel" : {
```

```
  "implType" : "java.util.ArrayList",
```

```
  "interfaceType" : "java.util.List",
```

```
  "listMemberModel" : {
```

```
    "beanStyleGetterMethodName" : "getMember",
```

```
    "beanStyleSetterMethodName" : "setMember",
```

```
    "c2jName" : "member",
```

```
    "c2jShape" : "DomainName",
```

```
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n\n@param member a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(String)",
```

```
  "deprecated" : false,
```

```
  "documentation" : "",
```

```
  "endpointDiscoveryId" : false,
```

```
  "enumType" : null,
```

```
  "eventHeader" : false,
```

```

    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,

```

```

    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n@param
domainNames The Elasticsearch domains for which you want information.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",

```

```

    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainNames" : {
    "beanStyleGetterMethodName" : "getDomainNames",
    "beanStyleSetterMethodName" : "setDomainNames",
    "c2jName" : "DomainNames",
    "c2jShape" : "DomainNameList",
    "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want
information.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the
need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<String>.Builder#build()} is called immediately and its result is passed to { @link
#domainNames(List<String>)}. \n@param domainNames a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #domainNames(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainNames",
    "fluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want
information.</p>\n@param domainNames The Elasticsearch domains for which you want information.\n@return
Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainNames",
    "getterDocumentation" : "<p>The Elasticsearch domains for which you want
information.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The Elasticsearch domains for which you want information.",
    "getterModel" : {
      "returnType" : "java.util.List<String>",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
  }
}

```

```

"marshallLocationName" : "DomainNames",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainNames",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

```

```

    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,

```

```

"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n@param
domainNames The Elasticsearch domains for which you want information.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainNames",
  "beanStyleSetterMethodName" : "setDomainNames",
  "c2jName" : "DomainNames",
  "c2jShape" : "DomainNameList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want
information.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the
need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<String>.Builder#build()} is called immediately and its result is passed to { @link
#domainNames(List<String>)}. \n@param domainNames a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #domainNames(List<String>)",
  "deprecated" : false,

```

```

"documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainNames",
"fluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n@param
domainNames The Elasticsearch domains for which you want information.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainNames",
"getterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n<p>\nAttempts
to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The Elasticsearch domains for which you want information.",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainNames",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainNames",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this

```


object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #member(String)",

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
```

```
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
```

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
```

```

"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n\n@param
domainNames The Elasticsearch domains for which you want information.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : null,

```

```

    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "domainNames",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainNames" ],
"shapeName" : "DescribeElasticsearchDomainsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DescribeElasticsearchDomainsRequest",
  "variableName" : "describeElasticsearchDomainsRequest",
  "variableType" : "DescribeElasticsearchDomainsRequest",
  "documentation" : null,
  "simpleType" : "DescribeElasticsearchDomainsRequest",
  "variableSetterType" : "DescribeElasticsearchDomainsRequest"
},
"wrapper" : false
},
"DescribeElasticsearchDomainsResponse" : {
  "c2jName" : "DescribeElasticsearchDomainsResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The result of a <code>DescribeElasticsearchDomains</code> request. Contains the status of the specified domains or all domains owned by the account.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,

```

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"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainStatusList",
  "beanStyleSetterMethodName" : "setDomainStatusList",
  "c2jName" : "DomainStatusList",
  "c2jShape" : "ElasticsearchDomainStatusList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\nThis is a convenience that creates an instance of the
{ @link List<ElasticsearchDomainStatus>.Builder} avoiding the need to create one manually via { @link
List<ElasticsearchDomainStatus>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<ElasticsearchDomainStatus>.Builder#build()} is called immediately and its result is passed to { @link
#domainStatusList(List<ElasticsearchDomainStatus>)}. \n@param domainStatusList a consumer that will call
methods on { @link List<ElasticsearchDomainStatus>.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #domainStatusList(List<ElasticsearchDomainStatus>)",
  "deprecated" : false,
  "documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainStatusList",
  "fluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.\n@return Returns a reference to this object
so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainStatusList",
  "getterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n\nAttempts to modify the collection returned by
this method will result in an UnsupportedOperationException.\n\n@return The status of the domains requested
in the <code>DescribeElasticsearchDomains</code> request.",
  "getterModel" : {
    "returnType" : "java.util.List<ElasticsearchDomainStatus>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

```

```

"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainStatusList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainStatusList",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #member(ElasticsearchDomainStatus)}. \n\n@param member a consumer that will call methods on
{ @link ElasticsearchDomainStatus.Builder}\n\n@return Returns a reference to this object so that method calls can be
chained together.\n\n@see #member(ElasticsearchDomainStatus)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "ElasticsearchDomainStatus",
      "documentation" : null
    }
  }
}

```

```

},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "member",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "member",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "",
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},

```

```

    "xmlNamespaceUri" : null
  },
  "memberLocationName" : null,
  "memberType" : "ElasticsearchDomainStatus",
  "map" : false,
  "memberAdditionalMarshallingPath" : null,
  "memberAdditionalUnmarshallingPath" : null,
  "simple" : false,
  "simpleType" : "ElasticsearchDomainStatus",
  "templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
  "templateType" : "java.util.List<ElasticsearchDomainStatus>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainStatusList",
"sensitive" : false,
"setterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.",
"setterMethodName" : "setDomainStatusList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
  "variableName" : "domainStatusList",
  "variableType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : null,
  "simpleType" : "List<ElasticsearchDomainStatus>",
  "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
  "variableName" : "domainStatusList",
  "variableType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
  "simpleType" : "List<ElasticsearchDomainStatus>",
  "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainStatusList" : {
    "beanStyleGetterMethodName" : "getDomainStatusList",
    "beanStyleSetterMethodName" : "setDomainStatusList",
    "c2jName" : "DomainStatusList",
    "c2jShape" : "ElasticsearchDomainStatusList",

```

```

"defaultConsumerFluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\nThis is a convenience that creates an instance of the
{ @link List<ElasticsearchDomainStatus>.Builder} avoiding the need to create one manually via { @link
List<ElasticsearchDomainStatus>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<ElasticsearchDomainStatus>.Builder#build()} is called immediately and its result is passed to { @link
#domainStatusList(List<ElasticsearchDomainStatus>)}. \n@param domainStatusList a consumer that will call
methods on { @link List<ElasticsearchDomainStatus>.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #domainStatusList(List<ElasticsearchDomainStatus>)",
"deprecated" : false,
"documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatusList",
"fluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "domainStatusList",
"getterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\nAttempts to modify the collection returned by
this method will result in an UnsupportedOperationException.\n@return The status of the domains requested
in the <code>DescribeElasticsearchDomains</code> request.",
"getterModel" : {
  "returnType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatusList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatusList",
  "uri" : false
},
"idempotencyToken" : false,

```



```

"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #member(ElasticsearchDomainStatus)}. \n\n@param member a consumer that will call methods on
{ @link ElasticsearchDomainStatus.Builder}\n\n@return Returns a reference to this object so that method calls can be
chained together.\n\n@see #member(ElasticsearchDomainStatus)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "ElasticsearchDomainStatus",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",

```

```

    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "member",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "member",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : "",
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ElasticsearchDomainStatus",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ElasticsearchDomainStatus",
"templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType" : "java.util.List<ElasticsearchDomainStatus>"
},

```

```

"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainStatusList",
"sensitive" : false,
"setterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.",
"setterMethodName" : "setDomainStatusList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
  "variableName" : "domainStatusList",
  "variableType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : null,
  "simpleType" : "List<ElasticsearchDomainStatus>",
  "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
  "variableName" : "domainStatusList",
  "variableType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
  "simpleType" : "List<ElasticsearchDomainStatus>",
  "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainStatusList",
  "beanStyleSetterMethodName" : "setDomainStatusList",
  "c2jName" : "DomainStatusList",
  "c2jShape" : "ElasticsearchDomainStatusList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\nThis is a convenience that creates an instance of the
{ @link List<ElasticsearchDomainStatus>.Builder} avoiding the need to create one manually via { @link
List<ElasticsearchDomainStatus>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<ElasticsearchDomainStatus>.Builder#build()} is called immediately and its result is passed to { @link
#domainStatusList(List<ElasticsearchDomainStatus>)}. \n@param domainStatusList a consumer that will call
methods on { @link List<ElasticsearchDomainStatus>.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #domainStatusList(List<ElasticsearchDomainStatus>)",
  "deprecated" : false,
  "documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
  "endpointDiscoveryId" : false,

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatusList",
"fluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "domainStatusList",
"getterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n<p>\nAttempts to modify the collection returned by
this method will result in an UnsupportedOperationException.\n</p>\n@return The status of the domains requested
in the <code>DescribeElasticsearchDomains</code> request.",
"getterModel" : {
  "returnType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatusList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatusList",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this

```

object.\n\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to { @link #member(ElasticsearchDomainStatus)}. \n\n@param member a consumer that will call methods on { @link ElasticsearchDomainStatus.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(ElasticsearchDomainStatus)",

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n\n@return Returns a reference to this object so that method
calls can be chained together.",
```

```
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object. \n\n@return The value of
the Member property for this object.",
```

```
"getterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
```

```
},
```

```
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```

"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "member",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "member",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "",
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ElasticsearchDomainStatus",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ElasticsearchDomainStatus",
"templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType" : "java.util.List<ElasticsearchDomainStatus>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainStatusList",
"sensitive" : false,
"setterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.",
"setterMethodName" : "setDomainStatusList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
  "variableName" : "domainStatusList",

```

```

    "variableType" : "java.util.List<ElasticsearchDomainStatus>",
    "documentation" : null,
    "simpleType" : "List<ElasticsearchDomainStatus>",
    "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
    "variableName" : "domainStatusList",
    "variableType" : "java.util.List<ElasticsearchDomainStatus>",
    "documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
    "simpleType" : "List<ElasticsearchDomainStatus>",
    "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainStatusList" ],
"shapeName" : "DescribeElasticsearchDomainsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DescribeElasticsearchDomainsResponse",
  "variableName" : "describeElasticsearchDomainsResponse",
  "variableType" : "DescribeElasticsearchDomainsResponse",
  "documentation" : null,
  "simpleType" : "DescribeElasticsearchDomainsResponse",
  "variableSetterType" : "DescribeElasticsearchDomainsResponse"
},
"wrapper" : false
},
"DescribeElasticsearchInstanceTypeLimitsRequest" : {
  "c2jName" : "DescribeElasticsearchInstanceTypeLimitsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for the parameters to <code>

```

```

<a>DescribeElasticsearchInstanceTypeLimits</a> </code> operation. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "DescribeElasticsearchInstanceTypeLimits",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/instanceTypeLimits/{ElasticsearchVersion}/{InstanceType}",
    "target" : null,
    "verb" : "GET",
    "xmlNamespaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a>
</code> for existing domain. </p>\nThis is a convenience that creates an instance of the { @link String.Builder }
avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes,
{ @link String.Builder#build() } is called immediately and its result is passed to { @link
#domainName(String) }. \n@param domainName a consumer that will call methods on { @link
String.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#domainName(String)",
    "deprecated" : false,
    "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain.
</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for
existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying
to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for

```


existing domain.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "domainName",
```

```
"getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify.
```

This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing

domain. </p>\n@return DomainName represents the name of the Domain that we are trying to modify. This should

be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.",

```
"getterModel" : {
```

```
  "returnType" : "String",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : "querystring",
```

```
  "marshallLocation" : "QUERY_PARAM",
```

```
  "marshallLocationName" : "domainName",
```

```
  "queryString" : true,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "domainName",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "DomainName",
```

```
"sensitive" : false,
```

```
"setterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify.
```

This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing

domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying to

modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for

existing domain.",

```
"setterMethodName" : "setDomainName",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "String",
```

```
  "variableName" : "domainName",
```

```
  "variableType" : "String",
```

```
  "documentation" : null,
```

```
  "simpleType" : "String",
```

```

    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain.
</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setInstanceType",
  "c2jName" : "InstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which
Elasticsearch <code> <a>Limits</a> </code> are needed. </p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#instanceTypeAsString(String)}. \n@param instanceType a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#instanceType(String)",
  "deprecated" : false,
  "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits</a> </code> are needed. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ESPartitionInstanceType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "instanceType",
  "fluentEnumSetterMethodName" : "instanceType",
  "fluentGetterMethodName" : "instanceTypeAsString",
  "fluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch
<code> <a>Limits</a> </code> are needed. </p>\n@param instanceType The instance type for an Elasticsearch
cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed. \n@see
ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained
together. \n@see ESPartitionInstanceType",
  "fluentSetterMethodName" : "instanceType",
  "getterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits</a> </code> are needed. </p>\n<p>\nIf the service returns an enum value that is not available in the
current SDK version, { @link #instanceType} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #instanceTypeAsString}. \n</p>\n@return The instance type for an Elasticsearch cluster for which

```

Elasticsearch `<a>Limits` are needed.\n@see ESPartitionInstanceType",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "InstanceType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceType",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"sensitive" : false,
"setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <a>Limits</a> are needed. </p>\n@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch <a>Limits</a> are needed.\n@see ESPartitionInstanceType",
"setterMethodName" : "setInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
```

```

    "variableType" : "String",
    "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits</a> </code> are needed. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code>
<a>Limits</a> </code> are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#elasticsearchVersion(String)",
  "deprecated" : false,
  "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are
needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits</a> </code> are
needed. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchVersion",
  "getterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
</p>\n@return Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",

```

```

    "marshallLocationName" : "ElasticsearchVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchVersion",
    "uri" : true
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ElasticsearchVersion",
  "sensitive" : false,
  "setterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
</p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits</a> </code> are
needed.",
  "setterMethodName" : "setElasticsearchVersion",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that
we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a>

```

`</code>` for existing domain. `</p>`
This is a convenience that creates an instance of the `{ @link String.Builder}` avoiding the need to create one manually via `{ @link String#builder()}.
{ @link Consumer}` completes, `{ @link String.Builder#build()}` is called immediately and its result is passed to `{ @link #domainName(String)}`.
`@param domainName` a consumer that will call methods on `{ @link String.Builder}`
`@return` Returns a reference to this object so that method calls can be chained together.
`@see #domainName(String)",`

`"deprecated" : false,`

`"documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain. </p>",`

`"endpointDiscoveryId" : false,`

`"enumType" : null,`

`"eventHeader" : false,`

`"eventPayload" : false,`

`"fluentEnumGetterMethodName" : null,`

`"fluentEnumSetterMethodName" : null,`

`"fluentGetterMethodName" : "domainName",`

`"fluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain. </p>
@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.
@return Returns a reference to this object so that method calls can be chained together.",`

`"fluentSetterMethodName" : "domainName",`

`"getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain. </p>
@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.",`

`"getterModel" : {`

`"returnType" : "String",`

`"documentation" : null`

`},`

`"http" : {`

`"additionalMarshallingPath" : null,`

`"additionalUnmarshallingPath" : null,`

`"flattened" : false,`

`"greedy" : false,`

`"header" : false,`

`"isPayload" : false,`

`"isStreaming" : false,`

`"location" : "querystring",`

`"marshallLocation" : "QUERY_PARAM",`

`"marshallLocationName" : "domainName",`

`"queryString" : true,`

`"statusCode" : false,`

`"unmarshallLocationName" : "domainName",`

`"uri" : false`

`},`

`"idempotencyToken" : false,`

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,

```

```

"setterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify.

```

This should be present only if we are querying for Elasticsearch `<a>Limits` for existing domain.
 @param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch `<a>Limits` for existing domain.",

```

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

```

```

"simple" : true,

```

```

"timestampFormat" : null,

```

```

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",

```

"documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch `<a>Limits` for existing domain.
 </p>",

```

"simpleType" : "String",
"variableSetterType" : "String"
},

```

```

"xmlNamespaceUri" : null

```

```

},

```

```

"ElasticsearchVersion" : {

```

```

  "beanStyleGetterMethodName" : "getElasticsearchVersion",

```

```

  "beanStyleSetterMethodName" : "setElasticsearchVersion",

```

```

  "c2jName" : "ElasticsearchVersion",

```

```

  "c2jShape" : "ElasticsearchVersionString",

```

"defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which `<a>Limits` are needed.
 This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.
 When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchVersion(String)}.
 @param elasticsearchVersion a consumer that will call methods on { @link String.Builder}
 @return Returns a reference to this object so that method calls can be chained together.
 @see

```

#elasticsearchVersion(String)",
  "deprecated" : false,
  "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are
needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits</a> </code> are
needed.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchVersion",
  "getterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
</p>\n@return Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"sensitive" : false,
"setterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
</p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits</a> </code> are

```



```

needed.",
  "setterMethodName" : "setElasticsearchVersion",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"InstanceType" : {
  "beanStyleGetterMethodName" : "getInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setInstanceType",
  "c2jName" : "InstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which
Elasticsearch <code> <a>Limits</a> </code> are needed. </p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#instanceTypeAsString(String)}. \n@param instanceType a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#instanceType(String)",
  "deprecated" : false,
  "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits</a> </code> are needed. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ESPartitionInstanceType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "instanceType",
  "fluentEnumSetterMethodName" : "instanceType",
  "fluentGetterMethodName" : "instanceTypeAsString",
  "fluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch
<code> <a>Limits</a> </code> are needed. </p>\n@param instanceType The instance type for an Elasticsearch
cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed. \n@see

```

ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",

"fluentSetterMethodName" : "instanceType",

"getterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits </code> are needed. </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #instanceType} will return { @link

ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #instanceTypeAsString}.\n</p>\n@return The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits </code> are needed.\n@see ESPartitionInstanceType",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : "uri",

"marshallLocation" : "PATH",

"marshallLocationName" : "InstanceType",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "InstanceType",

"uri" : true

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "InstanceType",

"sensitive" : false,

"setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits </code> are needed. </p>\n@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits </code> are needed.\n@see ESPartitionInstanceType",

"setterMethodName" : "setInstanceType",

"setterModel" : {

"variableDeclarationType" : "String",

"variableName" : "instanceType",

"variableType" : "String",

"documentation" : null,

```

    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "instanceType",
    "variableType" : "String",
    "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits</a> </code> are needed. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a>
</code> for existing domain. </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#domainName(String)",
  "deprecated" : false,
  "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain.
</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for
existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying
to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for
existing domain. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify.

```

This should be present only if we are querying for Elasticsearch `<a>Limits` for existing domain. `<p>\n@return DomainName` represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch `<a>Limits` for existing domain.",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "domainName",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "domainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
```

"setterDocumentation" : "`<p>` DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch `<a>Limits` for existing domain. `<p>\n@param domainName` DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch `<a>Limits` for existing domain.",

```
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
```

```

"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain.
</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setInstanceType",
  "c2jName" : "InstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which
Elasticsearch <code> <a>Limits</a> </code> are needed. </p>\nThis is a convenience that creates an instance of the
{@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link
Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link
#instanceTypeAsString(String)}. \n@param instanceType a consumer that will call methods on {@link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#instanceType(String)",
  "deprecated" : false,
  "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits</a> </code> are needed. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ESPartitionInstanceType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "instanceType",
  "fluentEnumSetterMethodName" : "instanceType",
  "fluentGetterMethodName" : "instanceTypeAsString",
  "fluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch
<code> <a>Limits</a> </code> are needed. </p>\n@param instanceType The instance type for an Elasticsearch
cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed. \n@see
ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained
together. \n@see ESPartitionInstanceType",
  "fluentSetterMethodName" : "instanceType",
  "getterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits</a> </code> are needed. </p>\n<p>\nIf the service returns an enum value that is not available in the
current SDK version, {@link #instanceType} will return {@link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from {@link #instanceTypeAsString}. \n</p>\n@return The instance type for an Elasticsearch cluster for which
Elasticsearch <code> <a>Limits</a> </code> are needed. \n@see ESPartitionInstanceType",
  "getterModel" : {
    "returnType" : "String",

```

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    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
    "marshallLocationName" : "InstanceType",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "InstanceType",
    "uri" : true
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "InstanceType",
  "sensitive" : false,
  "setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits</a> </code> are needed. </p>\n@param instanceType The instance type for an Elasticsearch cluster for
which Elasticsearch <code> <a>Limits</a> </code> are needed.\n@see ESPartitionInstanceType",
  "setterMethodName" : "setInstanceType",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "instanceType",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "instanceType",
    "variableType" : "String",
    "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits</a> </code> are needed. </p>",

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    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code>
<a>Limits</a> </code> are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#elasticsearchVersion(String)",
  "deprecated" : false,
  "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are
needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits</a> </code> are
needed. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchVersion",
  "getterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
</p>\n@return Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
    "marshallLocationName" : "ElasticsearchVersion",
    "queryString" : false,
    "statusCode" : false,

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    "unmarshallLocationName" : "ElasticsearchVersion",
    "uri" : true
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ElasticsearchVersion",
  "sensitive" : false,
  "setterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
</p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits</a> </code> are
needed.",
  "setterMethodName" : "setElasticsearchVersion",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : [ "InstanceType", "ElasticsearchVersion" ],
"shapeName" : "DescribeElasticsearchInstanceTypeLimitsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
  "variableName" : "describeElasticsearchInstanceTypeLimitsRequest",
  "variableType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
  "documentation" : null,

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    "simpleType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
    "variableSetterType" : "DescribeElasticsearchInstanceTypeLimitsRequest"
  },
  "wrapper" : false
},
"DescribeElasticsearchInstanceTypeLimitsResponse" : {
  "c2jName" : "DescribeElasticsearchInstanceTypeLimitsResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for the parameters received from <code>
<a>DescribeElasticsearchInstanceTypeLimits</a> </code> operation. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getLimitsByRole",
    "beanStyleSetterMethodName" : "setLimitsByRole",
    "c2jName" : "LimitsByRole",
    "c2jShape" : "LimitsByRole",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this
object.\n\nThis is a convenience that creates an instance of the { @link Map<String,Limits>.Builder} avoiding the
need to create one manually via { @link Map<String,Limits>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Map<String,Limits>.Builder#build()} is called immediately and its result is passed to { @link
#limitsByRole(Map<String,Limits>)}. \n@param limitsByRole a consumer that will call methods on { @link
Map<String,Limits>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitsByRole(Map<String,Limits>)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,

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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitsByRole",
"fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param
limitsByRole The new value for the LimitsByRole property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "limitsByRole",
"getterDocumentation" : "Returns the value of the LimitsByRole property for this object.\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The value of the LimitsByRole property for this object.",
"getterModel" : {
  "returnType" : "java.util.Map<String,Limits>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitsByRole",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitsByRole",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "InstanceRole",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n\n@param key a consumer that will call methods on

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{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "key",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "key",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Key",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value

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for the Key property for this object.",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "Limits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the {@link Limits.Builder} avoiding the need to create one manually via {@link Limits#builder()}. \n\nWhen the {@link Consumer} completes, {@link Limits.Builder#build()} is called immediately and its result is passed to {@link #value(Limits)}. \n@param value a consumer that will call methods on {@link Limits.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(Limits)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the

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Value property for this object.",
  "getterModel" : {
    "returnType" : "Limits",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Value",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
  "setterMethodName" : "setValue",
  "setterModel" : {
    "variableDeclarationType" : "Limits",
    "variableName" : "value",
    "variableType" : "Limits",
    "documentation" : null,
    "simpleType" : "Limits",
    "variableSetterType" : "Limits"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Limits",
    "variableName" : "value",
    "variableType" : "Limits",

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    "documentation" : "",
    "simpleType" : "Limits",
    "variableSetterType" : "Limits"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, Limits>",
"templateType" : "java.util.Map<String,Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param limitsByRole
The new value for the LimitsByRole property for this object.",
"setterMethodName" : "setLimitsByRole",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,Limits>",
  "variableName" : "limitsByRole",
  "variableType" : "java.util.Map<String,Limits>",
  "documentation" : null,
  "simpleType" : "Map<String,Limits>",
  "variableSetterType" : "java.util.Map<String,Limits>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,Limits>",
  "variableName" : "limitsByRole",
  "variableType" : "java.util.Map<String,Limits>",
  "documentation" : "",
  "simpleType" : "Map<String,Limits>",
  "variableSetterType" : "java.util.Map<String,Limits>"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "LimitsByRole" : {
    "beanStyleGetterMethodName" : "getLimitsByRole",
    "beanStyleSetterMethodName" : "setLimitsByRole",
    "c2jName" : "LimitsByRole",
    "c2jShape" : "LimitsByRole",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this
object.\n\nThis is a convenience that creates an instance of the { @link Map<String,Limits>.Builder} avoiding the
need to create one manually via { @link Map<String,Limits>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Map<String,Limits>.Builder#build()} is called immediately and its result is passed to { @link
#limitsByRole(Map<String,Limits>)}. \n\n@param limitsByRole a consumer that will call methods on { @link
Map<String,Limits>.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #limitsByRole(Map<String,Limits>)",

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"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitsByRole",
"fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param
limitsByRole The new value for the LimitsByRole property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "limitsByRole",
"getterDocumentation" : "Returns the value of the LimitsByRole property for this object.\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The value of the LimitsByRole property for this object.",
"getterModel" : {
  "return Type" : "java.util.Map<String,Limits>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitsByRole",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitsByRole",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",

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"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "InstanceRole",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,

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    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Key",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
    "setterMethodName" : "setKey",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "key",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "key",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
    "beanStyleGetterMethodName" : "getValue",
    "beanStyleSetterMethodName" : "setValue",
    "c2jName" : "value",
    "c2jShape" : "Limits",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link Limits.Builder} avoiding the need to create
one manually via { @link Limits#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Limits.Builder#build()} is called immediately and its result is passed to { @link #value(Limits)}. \n\n@param value a
consumer that will call methods on { @link Limits.Builder}\n\n@return Returns a reference to this object so that
method calls can be chained together.\n\n@see #value(Limits)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,

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    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "Limits",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
    "setterMethodName" : "setValue",
    "setterModel" : {
        "variableDeclarationType" : "Limits",
        "variableName" : "value",
        "variableType" : "Limits",
        "documentation" : null,
        "simpleType" : "Limits",
        "variableSetterType" : "Limits"
    }

```

```

    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "Limits",
      "variableName" : "value",
      "variableType" : "Limits",
      "documentation" : "",
      "simpleType" : "Limits",
      "variableSetterType" : "Limits"
    },
    "xmlNamespaceUri" : null
  },
  "entryType" : "Map.Entry<String, Limits>",
  "templateType" : "java.util.Map<String,Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param
limitsByRole The new value for the LimitsByRole property for this object.",
"setterMethodName" : "setLimitsByRole",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,Limits>",
  "variableName" : "limitsByRole",
  "variableType" : "java.util.Map<String,Limits>",
  "documentation" : null,
  "simpleType" : "Map<String,Limits>",
  "variableSetterType" : "java.util.Map<String,Limits>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,Limits>",
  "variableName" : "limitsByRole",
  "variableType" : "java.util.Map<String,Limits>",
  "documentation" : "",
  "simpleType" : "Map<String,Limits>",
  "variableSetterType" : "java.util.Map<String,Limits>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getLimitsByRole",
  "beanStyleSetterMethodName" : "setLimitsByRole",
  "c2jName" : "LimitsByRole",
  "c2jShape" : "LimitsByRole",

```

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\nThis is a convenience that creates an instance of the { @link Map<String,Limits>.Builder} avoiding the need to create one manually via { @link Map<String,Limits>#builder()}. \n\nWhen the { @link Consumer} completes, { @link Map<String,Limits>.Builder#build()} is called immediately and its result is passed to { @link #limitsByRole(Map<String,Limits>)}. \n\n@param limitsByRole a consumer that will call methods on { @link Map<String,Limits>.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #limitsByRole(Map<String,Limits>)",

"deprecated" : false,

"documentation" : "",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "limitsByRole",

"fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object. \n\n@param limitsByRole The new value for the LimitsByRole property for this object. \n\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "limitsByRole",

"getterDocumentation" : "Returns the value of the LimitsByRole property for this object. \n\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n\n</p>\n\n@return The value of the LimitsByRole property for this object.",

"getterModel" : {

"returnType" : "java.util.Map<String,Limits>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "LimitsByRole",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "LimitsByRole",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

```

"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "InstanceRole",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,

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    "unmarshallLocationName" : "key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Key",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "Limits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link Limits.Builder} avoiding the need to create one manually via
{@link Limits#builder()}. \n\nWhen the {@link Consumer} completes, {@link Limits.Builder#build()} is called
immediately and its result is passed to {@link #value(Limits)}. \n\n@param value a consumer that will call methods
on {@link Limits.Builder} \n\n@return Returns a reference to this object so that method calls can be chained
together. \n\n@see #value(Limits)",

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"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
  "returnType" : "Limits",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",

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```

"setterModel" : {
  "variableDeclarationType" : "Limits",
  "variableName" : "value",
  "variableType" : "Limits",
  "documentation" : null,
  "simpleType" : "Limits",
  "variableSetterType" : "Limits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Limits",
  "variableName" : "value",
  "variableType" : "Limits",
  "documentation" : "",
  "simpleType" : "Limits",
  "variableSetterType" : "Limits"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, Limits>",
"templateType" : "java.util.Map<String,Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param limitsByRole
The new value for the LimitsByRole property for this object.",
"setterMethodName" : "setLimitsByRole",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,Limits>",
  "variableName" : "limitsByRole",
  "variableType" : "java.util.Map<String,Limits>",
  "documentation" : null,
  "simpleType" : "Map<String,Limits>",
  "variableSetterType" : "java.util.Map<String,Limits>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,Limits>",
  "variableName" : "limitsByRole",
  "variableType" : "java.util.Map<String,Limits>",
  "documentation" : "",
  "simpleType" : "Map<String,Limits>",
  "variableSetterType" : "java.util.Map<String,Limits>"
},
"xmlNamespaceUri" : null

```



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    } ],
    "requestSignerAware" : false,
    "requestSignerClassFqcn" : null,
    "required" : null,
    "shapeName" : "DescribeElasticsearchInstanceTypeLimitsResponse",
    "simpleMethod" : false,
    "unmarshaller" : {
      "flattened" : false,
      "resultWrapper" : null
    },
    "variable" : {
      "variableDeclarationType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
      "variableName" : "describeElasticsearchInstanceTypeLimitsResponse",
      "variableType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
      "documentation" : null,
      "simpleType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
      "variableSetterType" : "DescribeElasticsearchInstanceTypeLimitsResponse"
    },
    "wrapper" : false
  },
  "DescribeReservedElasticsearchInstanceOfferingsRequest" : {
    "c2jName" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
    "customization" : {
      "artificialResultWrapper" : null,
      "skipGeneratingMarshaller" : false,
      "skipGeneratingModelClass" : false,
      "skipGeneratingUnmarshaller" : false,
      "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p>Container for parameters to  
<code>DescribeReservedElasticsearchInstanceOfferings</code></p>",
    "endpointDiscovery" : null,
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : {
      "action" : "DescribeReservedElasticsearchInstanceOfferings",
      "locationName" : null,
      "requestUri" : "/2015-01-01/es/reservedInstanceOfferings",
      "target" : null,

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"verb" : "GET",
"xmlNamespaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceOfferingId(String)",
  "deprecated" : false,
  "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",

```

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"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "offeringId",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "offeringId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"sensitive" : false,
"setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If

```

not specified, defaults to 100.

This is a convenience that creates an instance of the `Integer.Builder` avoiding the need to create one manually via `Integer#builder()`. When the `Consumer` completes, `Integer.Builder#build()` is called immediately and its result is passed to `Integer.Builder#maxResults(Integer)`. @param `maxResults` a consumer that will call methods on `Integer.Builder` @return Returns a reference to this object so that method calls can be chained together. @see `Integer.Builder#maxResults(Integer)`,

```
"deprecated" : false,
"documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
```

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"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"sensitive" : false,
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,

```

```

"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",

```

```

    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNameSpaceUri" : null
} ],
"membersAsMap" : {
  "MaxResults" : {
    "beanStyleGetterMethodName" : "getMaxResults",
    "beanStyleSetterMethodName" : "setMaxResults",
    "c2jName" : "MaxResults",
    "c2jShape" : "MaxResults",
    "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If
not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder}
avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link
#maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
    "deprecated" : false,
    "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "maxResults",
    "fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified,
defaults to 100. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "maxResults",
    "getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
    "getterModel" : {
      "returnType" : "Integer",

```

```

    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "maxResults",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "maxResults",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "MaxResults",
  "sensitive" : false,
  "setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.",
  "setterMethodName" : "setMaxResults",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "maxResults",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "maxResults",
    "variableType" : "Integer",
    "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",

```



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    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
},
"NextToken" : {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination. \n@return Returns a reference to
this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",

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    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "nextToken",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "nextToken",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "NextToken",
  "sensitive" : false,
  "setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
  "setterMethodName" : "setNextToken",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to

```

show only the available offering that matches the specified reservation identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.</p>\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}.</p>\n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see

```
#reservedElasticsearchInstanceOfferingId(String)",
    "deprecated" : false,
    "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
    "fluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
    "getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : "querystring",
        "marshallLocation" : "QUERY_PARAM",
        "marshallLocationName" : "offeringId",
        "queryString" : true,
        "statusCode" : false,
        "unmarshallLocationName" : "offeringId",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
```

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"sensitive" : false,
"setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceOfferingId(String)",

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    "deprecated" : false,
    "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
    "fluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
    "getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
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        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : "querystring",
        "marshallLocation" : "QUERY_PARAM",
        "marshallLocationName" : "offeringId",
        "queryString" : true,
        "statusCode" : false,
        "unmarshallLocationName" : "offeringId",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "ReservedElasticsearchInstanceOfferingId",

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"sensitive" : false,
"setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}. \n\nWhen the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on {@link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",

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"fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"sensitive" : false,
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},

```

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"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,

```



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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

```

```

    } ],
    "requestSignerAware" : false,
    "requestSignerClassFqcn" : null,
    "required" : null,
    "shapeName" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
    "simpleMethod" : true,
    "unmarshaller" : null,
    "variable" : {
        "variableDeclarationType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
        "variableName" : "describeReservedElasticsearchInstanceOfferingsRequest",
        "variableType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
        "documentation" : null,
        "simpleType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
        "variableSetterType" : "DescribeReservedElasticsearchInstanceOfferingsRequest"
    },
    "wrapper" : false
},
"DescribeReservedElasticsearchInstanceOfferingsResponse" : {
    "c2jName" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p>Container for results from
<code>DescribeReservedElasticsearchInstanceOfferings</code></p>",
    "endpointDiscovery" : null,
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : null,
    "members" : [ {
        "beanStyleGetterMethodName" : "getNextToken",
        "beanStyleSetterMethodName" : "setNextToken",
        "c2jName" : "NextToken",
        "c2jShape" : "NextToken",
        "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated
results.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to

```

create one manually via `{@link String#builder()}.nextToken()`. When the `{@link Consumer}` completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #nextToken(String)}`.
`@param nextToken` a consumer that will call methods on `{@link String.Builder}`
`@return` Returns a reference to this object so that method calls can be chained together.
`@see #nextToken(String)`,

```
"deprecated" : false,
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param nextToken Provides an identifier to allow retrieval of paginated results.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return Provides an identifier to allow retrieval of paginated results.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
```

```

"sensitive" : false,
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferings",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferings",
  "c2jName" : "ReservedElasticsearchInstanceOfferings",
  "c2jShape" : "ReservedElasticsearchInstanceOfferingList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance
offerings</p>\nThis is a convenience that creates an instance of the { @link
List<ReservedElasticsearchInstanceOffering>.Builder} avoiding the need to create one manually via { @link
List<ReservedElasticsearchInstanceOffering>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<ReservedElasticsearchInstanceOffering>.Builder#build()} is called immediately and its result is passed to
{ @link #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)}. \n@param
reservedElasticsearchInstanceOfferings a consumer that will call methods on { @link
List<ReservedElasticsearchInstanceOffering>.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see
#reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
  "deprecated" : false,
  "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferings",
  "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param

```

reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferings",

"getterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of reserved Elasticsearch instance offerings",

"getterModel" : {
 "returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "documentation" : null

},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
 "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {

"implType" : "java.util.ArrayList",

"interfaceType" : "java.util.List",

"listMemberModel" : {

"beanStyleGetterMethodName" : "getMember",

"beanStyleSetterMethodName" : "setMember",

"c2jName" : "member",

"c2jShape" : "ReservedElasticsearchInstanceOffering",

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link

ReservedElasticsearchInstanceOffering.Builder} avoiding the need to create one manually via { @link

ReservedElasticsearchInstanceOffering#builder()}.n\nWhen the { @link Consumer} completes, { @link

ReservedElasticsearchInstanceOffering.Builder#build()} is called immediately and its result is passed to { @link

#member(ReservedElasticsearchInstanceOffering)}.n\n@param member a consumer that will call methods on

{ @link ReservedElasticsearchInstanceOffering.Builder}\n@return Returns a reference to this object so that method

calls can be chained together.\n\n@see #member(ReservedElasticsearchInstanceOffering)",

"deprecated" : false,

"documentation" : "",

```

"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "ReservedElasticsearchInstanceOffering",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",

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    "variableName" : "member",
    "variableType" : "ReservedElasticsearchInstanceOffering",
    "documentation" : null,
    "simpleType" : "ReservedElasticsearchInstanceOffering",
    "variableSetterType" : "ReservedElasticsearchInstanceOffering"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
    "variableName" : "member",
    "variableType" : "ReservedElasticsearchInstanceOffering",
    "documentation" : "",
    "simpleType" : "ReservedElasticsearchInstanceOffering",
    "variableSetterType" : "ReservedElasticsearchInstanceOffering"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstanceOffering",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstanceOffering",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
"templateType" : "java.util.List<ReservedElasticsearchInstanceOffering>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstanceOfferings",
"sensitive" : false,
"setterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param
reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings",
"setterMethodName" : "setReservedElasticsearchInstanceOfferings",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "variableName" : "reservedElasticsearchInstanceOfferings",
  "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "documentation" : null,
  "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",

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```

"variableName" : "reservedElasticsearchInstanceOfferings",
"variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
"simpleType" : "List<ReservedElasticsearchInstanceOffering>",
"variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "NextToken" : {
    "beanStyleGetterMethodName" : "getNextToken",
    "beanStyleSetterMethodName" : "setNextToken",
    "c2jName" : "NextToken",
    "c2jShape" : "NextToken",
    "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #nextToken(String)}. \n@param nextToken a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",
    "deprecated" : false,
    "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "nextToken",
    "fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param nextToken Provides an identifier to allow retrieval of paginated results. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "nextToken",
    "getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return Provides an identifier to allow retrieval of paginated results.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
  },
}

```



```

"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceOfferings" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferings",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferings",
  "c2jName" : "ReservedElasticsearchInstanceOfferings",
  "c2jShape" : "ReservedElasticsearchInstanceOfferingList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance
offerings</p>\nThis is a convenience that creates an instance of the { @link
List<ReservedElasticsearchInstanceOffering>.Builder} avoiding the need to create one manually via { @link

```

List<ReservedElasticsearchInstanceOffering>#builder()).\n\nWhen the {@link Consumer} completes, {@link List<ReservedElasticsearchInstanceOffering>.Builder#build()} is called immediately and its result is passed to {@link #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)}.\n@param reservedElasticsearchInstanceOfferings a consumer that will call methods on {@link List<ReservedElasticsearchInstanceOffering>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see

```
#reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
    "deprecated" : false,
    "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferings",
    "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param
reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings\n@return Returns a
reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferings",
    "getterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of
reserved Elasticsearch instance offerings",
    "getterModel" : {
        "returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,
    "listModel" : {
```

```

"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "ReservedElasticsearchInstanceOffering",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link
ReservedElasticsearchInstanceOffering.Builder} avoiding the need to create one manually via { @link
ReservedElasticsearchInstanceOffering#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ReservedElasticsearchInstanceOffering.Builder#build()} is called immediately and its result is passed to { @link
#member(ReservedElasticsearchInstanceOffering)}. \n@param member a consumer that will call methods on
{ @link ReservedElasticsearchInstanceOffering.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #member(ReservedElasticsearchInstanceOffering)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
  "getterModel" : {
    "returnType" : "ReservedElasticsearchInstanceOffering",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",

```

```

    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
    "variableName" : "member",
    "variableType" : "ReservedElasticsearchInstanceOffering",
    "documentation" : null,
    "simpleType" : "ReservedElasticsearchInstanceOffering",
    "variableSetterType" : "ReservedElasticsearchInstanceOffering"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
    "variableName" : "member",
    "variableType" : "ReservedElasticsearchInstanceOffering",
    "documentation" : "",
    "simpleType" : "ReservedElasticsearchInstanceOffering",
    "variableSetterType" : "ReservedElasticsearchInstanceOffering"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstanceOffering",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstanceOffering",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
"templateType" : "java.util.List<ReservedElasticsearchInstanceOffering>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",

```

```

"name" : "ReservedElasticsearchInstanceOfferings",
"sensitive" : false,
"setterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param
reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings",
"setterMethodName" : "setReservedElasticsearchInstanceOfferings",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "variableName" : "reservedElasticsearchInstanceOfferings",
  "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "documentation" : null,
  "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "variableName" : "reservedElasticsearchInstanceOfferings",
  "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
  "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated
results.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results. \n@return Returns a reference to this object

```

```

so that method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return
Provides an identifier to allow retrieval of paginated results.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NextToken",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NextToken",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "NextToken",
  "sensitive" : false,
  "setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
  "setterMethodName" : "setNextToken",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {

```

```

    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferings",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferings",
  "c2jName" : "ReservedElasticsearchInstanceOfferings",
  "c2jShape" : "ReservedElasticsearchInstanceOfferingList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\nThis is a convenience that creates an instance of the { @link List<ReservedElasticsearchInstanceOffering>.Builder} avoiding the need to create one manually via { @link List<ReservedElasticsearchInstanceOffering>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<ReservedElasticsearchInstanceOffering>.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)}. \n@param reservedElasticsearchInstanceOfferings a consumer that will call methods on { @link List<ReservedElasticsearchInstanceOffering>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
  "deprecated" : false,
  "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferings",
  "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferings",
  "getterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return List of reserved Elasticsearch instance offerings",
  "getterModel" : {
    "returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

```

```

"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstanceOffering",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link
ReservedElasticsearchInstanceOffering.Builder} avoiding the need to create one manually via { @link
ReservedElasticsearchInstanceOffering#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ReservedElasticsearchInstanceOffering.Builder#build()} is called immediately and its result is passed to { @link
#member(ReservedElasticsearchInstanceOffering)}. \n@param member a consumer that will call methods on
{ @link ReservedElasticsearchInstanceOffering.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #member(ReservedElasticsearchInstanceOffering)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "ReservedElasticsearchInstanceOffering",

```



```

    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
    "variableName" : "member",
    "variableType" : "ReservedElasticsearchInstanceOffering",
    "documentation" : null,
    "simpleType" : "ReservedElasticsearchInstanceOffering",
    "variableSetterType" : "ReservedElasticsearchInstanceOffering"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
    "variableName" : "member",
    "variableType" : "ReservedElasticsearchInstanceOffering",
    "documentation" : "",
    "simpleType" : "ReservedElasticsearchInstanceOffering",
    "variableSetterType" : "ReservedElasticsearchInstanceOffering"
  }

```

```

    },
    "xmlNamespaceUri" : null
  },
  "memberLocationName" : null,
  "memberType" : "ReservedElasticsearchInstanceOffering",
  "map" : false,
  "memberAdditionalMarshallingPath" : null,
  "memberAdditionalUnmarshallingPath" : null,
  "simple" : false,
  "simpleType" : "ReservedElasticsearchInstanceOffering",
  "templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
  "templateType" : "java.util.List<ReservedElasticsearchInstanceOffering>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstanceOfferings",
"sensitive" : false,
"setterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param
reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings",
"setterMethodName" : "setReservedElasticsearchInstanceOfferings",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "variableName" : "reservedElasticsearchInstanceOfferings",
  "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "documentation" : null,
  "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "variableName" : "reservedElasticsearchInstanceOfferings",
  "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
  "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,

```

```

    "resultWrapper" : null
  },
  "variable" : {
    "variableDeclarationType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
    "variableName" : "describeReservedElasticsearchInstanceOfferingsResponse",
    "variableType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
    "documentation" : null,
    "simpleType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
    "variableSetterType" : "DescribeReservedElasticsearchInstanceOfferingsResponse"
  },
  "wrapper" : false
},
"DescribeReservedElasticsearchInstancesRequest" : {
  "c2jName" : "DescribeReservedElasticsearchInstancesRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for parameters to
<code>DescribeReservedElasticsearchInstances</code></p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "DescribeReservedElasticsearchInstances",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/reservedInstances",
    "target" : null,
    "verb" : "GET",
    "xmlNamespaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
    "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
    "c2jName" : "ReservedElasticsearchInstanceId",
    "c2jShape" : "GUID",

```

```

"defaultConsumerFluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceId(String)",
"deprecated" : false,
"documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@return The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "reservationId",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "reservationId",
    "uri" : false
},

```

```

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"sensitive" : false,
"setterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #maxResults(Integer)",
  "deprecated" : false,

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"documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified,
defaults to 100.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"sensitive" : false,
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to
100.",

```

```

"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",

```

"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
```

"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",

```
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
```



```

    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "MaxResults" : {
    "beanStyleGetterMethodName" : "getMaxResults",
    "beanStyleSetterMethodName" : "setMaxResults",
    "c2jName" : "MaxResults",
    "c2jShape" : "MaxResults",
    "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If
not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder}
avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link
#maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
    "deprecated" : false,
    "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "maxResults",
    "fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified,
defaults to 100. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "maxResults",
    "getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
    "getterModel" : {
      "returnType" : "Integer",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

```

```

    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "maxResults",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "maxResults",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "MaxResults",
  "sensitive" : false,
  "setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.",
  "setterMethodName" : "setMaxResults",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "maxResults",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "maxResults",
    "variableType" : "Integer",
    "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
},
"NextToken" : {
  "beanStyleGetterMethodName" : "getNextToken",

```

```

"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link Consumer#nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#nextToken(String)",
"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},

```

```

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this
parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param
reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder}\n@return Returns a
reference to this object so that method calls can be chained together.\n@see
#reservedElasticsearchInstanceId(String)",

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    "deprecated" : false,
    "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
    "fluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "reservedElasticsearchInstanceId",
    "getterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@return The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : "querystring",
        "marshallLocation" : "QUERY_PARAM",
        "marshallLocationName" : "reservationId",
        "queryString" : true,
        "statusCode" : false,
        "unmarshallLocationName" : "reservationId",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",

```

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"name" : "ReservedElasticsearchInstanceId",
"sensitive" : false,
"setterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #reservedElasticsearchInstanceId(String)}. \n@param reservedElasticsearchInstanceId a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceId(String)",
  "deprecated" : false,
  "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@return The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "reservationId",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "reservationId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"sensitive" : false,
"setterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",

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"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the
reservation that matches the specified reserved Elasticsearch instance ID.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If
not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder}
avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link
#maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified,
defaults to 100. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "maxResults",
  "getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to

```


100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",

```
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"sensitive" : false,
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"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.",

```
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
```

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    "variableType" : "Integer",
    "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,

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    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "nextToken",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "nextToken",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "NextToken",
  "sensitive" : false,
  "setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
  "setterMethodName" : "setNextToken",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeReservedElasticsearchInstancesRequest",

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```

"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DescribeReservedElasticsearchInstancesRequest",
  "variableName" : "describeReservedElasticsearchInstancesRequest",
  "variableType" : "DescribeReservedElasticsearchInstancesRequest",
  "documentation" : null,
  "simpleType" : "DescribeReservedElasticsearchInstancesRequest",
  "variableSetterType" : "DescribeReservedElasticsearchInstancesRequest"
},
"wrapper" : false
},
"DescribeReservedElasticsearchInstancesResponse" : {
  "c2jName" : "DescribeReservedElasticsearchInstancesResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for results from <code>DescribeReservedElasticsearchInstances</code></p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getNextToken",
    "beanStyleSetterMethodName" : "setNextToken",
    "c2jName" : "NextToken",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",
    "deprecated" : false,
    "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return
Provides an identifier to allow retrieval of paginated results.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",

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    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
  "c2jName" : "ReservedElasticsearchInstances",
  "c2jShape" : "ReservedElasticsearchInstanceList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\nThis is a convenience that creates an instance of the { @link List<ReservedElasticsearchInstance>.Builder} avoiding the need to create one manually via { @link List<ReservedElasticsearchInstance>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<ReservedElasticsearchInstance>.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)}. \n@param reservedElasticsearchInstances a consumer that will call methods on { @link List<ReservedElasticsearchInstance>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
  "deprecated" : false,
  "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstances",
  "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n@param reservedElasticsearchInstances List of reserved Elasticsearch instances.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstances",
  "getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of reserved Elasticsearch instances.",
  "getterModel" : {
    "returnType" : "java.util.List<ReservedElasticsearchInstance>",

```

```

"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstances",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstances",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstance",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ReservedElasticsearchInstance.Builder}
avoiding the need to create one manually via { @link ReservedElasticsearchInstance#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link ReservedElasticsearchInstance.Builder#build()} is called immediately and its
result is passed to { @link #member(ReservedElasticsearchInstance)}. \n@param member a consumer that will call
methods on { @link ReservedElasticsearchInstance.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #member(ReservedElasticsearchInstance)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method

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calls can be chained together.",

```
"fluentSetterMethodName" : "member",
```

```
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of the Member property for this object.",
```

```
"getterModel" : {
```

```
  "returnType" : "ReservedElasticsearchInstance",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : null,
```

```
  "marshallLocation" : "PAYLOAD",
```

```
  "marshallLocationName" : "member",
```

```
  "queryString" : false,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "member",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "SDK_POJO",
```

```
"name" : "Member",
```

```
"sensitive" : false,
```

```
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
```

```
"setterMethodName" : "setMember",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "ReservedElasticsearchInstance",
```

```
  "variableName" : "member",
```

```
  "variableType" : "ReservedElasticsearchInstance",
```

```
  "documentation" : null,
```

```
  "simpleType" : "ReservedElasticsearchInstance",
```

```
  "variableSetterType" : "ReservedElasticsearchInstance"
```

```
},
```

```
"simple" : false,
```

```
"timestampFormat" : null,
```

```
"variable" : {
```



```

    "variableDeclarationType" : "ReservedElasticsearchInstance",
    "variableName" : "member",
    "variableType" : "ReservedElasticsearchInstance",
    "documentation" : "",
    "simpleType" : "ReservedElasticsearchInstance",
    "variableSetterType" : "ReservedElasticsearchInstance"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType" : "java.util.List<ReservedElasticsearchInstance>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"sensitive" : false,
"setterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.",
"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
  "variableName" : "reservedElasticsearchInstances",
  "variableType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : null,
  "simpleType" : "List<ReservedElasticsearchInstance>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
  "variableName" : "reservedElasticsearchInstances",
  "variableType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
  "simpleType" : "List<ReservedElasticsearchInstance>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {

```

```

"NextToken" : {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated
results.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated
results.</p>\n@param nextToken Provides an identifier to allow retrieval of paginated results.\n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return
Provides an identifier to allow retrieval of paginated results.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
},
"idempotencyToken" : false,
"isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstances" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
  "c2jName" : "ReservedElasticsearchInstances",
  "c2jShape" : "ReservedElasticsearchInstanceList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\nThis is a
convenience that creates an instance of the { @link List<ReservedElasticsearchInstance>.Builder} avoiding the need
to create one manually via { @link List<ReservedElasticsearchInstance>#builder()}. \n\nWhen the { @link
Consumer} completes, { @link List<ReservedElasticsearchInstance>.Builder#build()} is called immediately and its
result is passed to { @link #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)}. \n@param
reservedElasticsearchInstances a consumer that will call methods on { @link
List<ReservedElasticsearchInstance>.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
  "deprecated" : false,
  "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,

```

```

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstances",
"fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstances",
"getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of
reserved Elasticsearch instances.",
"getterModel" : {
  "returnType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstances",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstances",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstance",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ReservedElasticsearchInstance.Builder}
avoiding the need to create one manually via { @link ReservedElasticsearchInstance#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link ReservedElasticsearchInstance.Builder#build()} is called immediately and its

```

result is passed to { @link #member(ReservedElasticsearchInstance)}. \n @param member a consumer that will call methods on { @link ReservedElasticsearchInstance.Builder} \n @return Returns a reference to this object so that method calls can be chained together. \n @see #member(ReservedElasticsearchInstance)",

```
"deprecated" : false,  
"documentation" : "",  
"endpointDiscoveryId" : false,  
"enumType" : null,  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : null,  
"fluentEnumSetterMethodName" : null,  
"fluentGetterMethodName" : "member",  
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n \n @param member  
The new value for the Member property for this object. \n @return Returns a reference to this object so that method  
calls can be chained together.",
```

```
"fluentSetterMethodName" : "member",  
"getterDocumentation" : "Returns the value of the Member property for this object. \n @return The value of  
the Member property for this object.",
```

```
"getterModel" : {  
  "returnType" : "ReservedElasticsearchInstance",  
  "documentation" : null
```

```
},
```

```
"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "member",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "member",  
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,  
"isBinary" : false,  
"jsonValue" : false,  
"list" : false,  
"listModel" : null,  
"map" : false,  
"mapModel" : null,  
"marshallingType" : "SDK_POJO",  
"name" : "Member",  
"sensitive" : false,
```

```

"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "ReservedElasticsearchInstance",
  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstance",
  "documentation" : null,
  "simpleType" : "ReservedElasticsearchInstance",
  "variableSetterType" : "ReservedElasticsearchInstance"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ReservedElasticsearchInstance",
  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstance",
  "documentation" : "",
  "simpleType" : "ReservedElasticsearchInstance",
  "variableSetterType" : "ReservedElasticsearchInstance"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType" : "java.util.List<ReservedElasticsearchInstance>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"sensitive" : false,
"setterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n\n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.",
"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
  "variableName" : "reservedElasticsearchInstances",
  "variableType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : null,
  "simpleType" : "List<ReservedElasticsearchInstance>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
}

```

```

    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
        "variableName" : "reservedElasticsearchInstances",
        "variableType" : "java.util.List<ReservedElasticsearchInstance>",
        "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
        "simpleType" : "List<ReservedElasticsearchInstance>",
        "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
    },
    "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getNextToken",
    "beanStyleSetterMethodName" : "setNextToken",
    "c2jName" : "NextToken",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",
    "deprecated" : false,
    "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "nextToken",
    "fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param nextToken Provides an identifier to allow retrieval of paginated results. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "nextToken",
    "getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return Provides an identifier to allow retrieval of paginated results.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,

```

```

    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NextToken",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NextToken",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "NextToken",
  "sensitive" : false,
  "setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
  "setterMethodName" : "setNextToken",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
  "c2jName" : "ReservedElasticsearchInstances",

```



```

"c2jShape" : "ReservedElasticsearchInstanceList",
"defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\nThis is a
convenience that creates an instance of the { @link List<ReservedElasticsearchInstance>.Builder} avoiding the need
to create one manually via { @link List<ReservedElasticsearchInstance>#builder()}. \n\nWhen the { @link
Consumer} completes, { @link List<ReservedElasticsearchInstance>.Builder#build()} is called immediately and its
result is passed to { @link #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)}.\n@param
reservedElasticsearchInstances a consumer that will call methods on { @link
List<ReservedElasticsearchInstance>.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
"deprecated" : false,
"documentation" : "<p>List of reserved Elasticsearch instances.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstances",
"fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstances",
"getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of
reserved Elasticsearch instances.",
"getterModel" : {
  "returnType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstances",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstances",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```

```

"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstance",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ReservedElasticsearchInstance.Builder}
avoiding the need to create one manually via { @link ReservedElasticsearchInstance#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link ReservedElasticsearchInstance.Builder#build()} is called immediately and its
result is passed to { @link #member(ReservedElasticsearchInstance)}. \n@param member a consumer that will call
methods on { @link ReservedElasticsearchInstance.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #member(ReservedElasticsearchInstance)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "ReservedElasticsearchInstance",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,

```

```

    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "ReservedElasticsearchInstance",
    "variableName" : "member",
    "variableType" : "ReservedElasticsearchInstance",
    "documentation" : null,
    "simpleType" : "ReservedElasticsearchInstance",
    "variableSetterType" : "ReservedElasticsearchInstance"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ReservedElasticsearchInstance",
    "variableName" : "member",
    "variableType" : "ReservedElasticsearchInstance",
    "documentation" : "",
    "simpleType" : "ReservedElasticsearchInstance",
    "variableSetterType" : "ReservedElasticsearchInstance"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType" : "java.util.List<ReservedElasticsearchInstance>"
},
"map" : false,
"mapModel" : null,

```

```

"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"sensitive" : false,
"setterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.",
"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
  "variableName" : "reservedElasticsearchInstances",
  "variableType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : null,
  "simpleType" : "List<ReservedElasticsearchInstance>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
  "variableName" : "reservedElasticsearchInstances",
  "variableType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
  "simpleType" : "List<ReservedElasticsearchInstance>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeReservedElasticsearchInstancesResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DescribeReservedElasticsearchInstancesResponse",
  "variableName" : "describeReservedElasticsearchInstancesResponse",
  "variableType" : "DescribeReservedElasticsearchInstancesResponse",
  "documentation" : null,
  "simpleType" : "DescribeReservedElasticsearchInstancesResponse",
  "variableSetterType" : "DescribeReservedElasticsearchInstancesResponse"
},
"wrapper" : false
},
"DisabledOperationException" : {
  "c2jName" : "DisabledOperationException",
  "customization" : {

```

```

    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>An error occured because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : "DisabledOperationException",
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : 409,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "DisabledOperationException",
  "simpleMethod" : false,
  "unmarshaller" : null,
  "variable" : {
    "variableDeclarationType" : "DisabledOperationException",
    "variableName" : "disabledOperationException",
    "variableType" : "DisabledOperationException",
    "documentation" : null,
    "simpleType" : "DisabledOperationException",
    "variableSetterType" : "DisabledOperationException"
  },
  "wrapper" : false
},
"DomainInfo" : {
  "c2jName" : "DomainInfo",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  }
}

```

```

    },
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscovery" : null,
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : null,
    "members" : [ {
        "beanStyleGetterMethodName" : "getDomainName",
        "beanStyleSetterMethodName" : "setDomainName",
        "c2jName" : "DomainName",
        "c2jShape" : "DomainName",
        "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will
call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #domainName(String)",
        "deprecated" : false,
        "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
        "endpointDiscoveryId" : false,
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "domainName",
        "fluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.\n@return Returns a reference to this object so that method calls can be
chained together.",
        "fluentSetterMethodName" : "domainName",
        "getterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@return Specifies the
<code>DomainName</code>.",
        "getterModel" : {
            "returnType" : "String",
            "documentation" : null
        },
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,

```

```

    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainName" : {

```

```

"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will
call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@return Specifies the
<code>DomainName</code>.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```



```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will
call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

```

```

"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@return Specifies the
<code>DomainName</code>.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",

```

```

    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DomainInfo",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DomainInfo",
  "variableName" : "domainInfo",
  "variableType" : "DomainInfo",
  "documentation" : null,
  "simpleType" : "DomainInfo",
  "variableSetterType" : "DomainInfo"
},
"wrapper" : false
},
"EBSOptions" : {
  "c2jName" : "EBSOptions",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Options to enable, disable, and specify the properties of EBS storage volumes. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-efs\" target=\"_blank\"> Configuring EBS-based Storage</a>.</p>",
  "endpointDiscovery" : null,

```

```

"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getEbsEnabled",
  "beanStyleSetterMethodName" : "setEbsEnabled",
  "c2jName" : "EBSEnabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is
enabled.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#ebsEnabled(Boolean)}. \n@param ebsEnabled a consumer that will call methods on { @link
Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#ebsEnabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "ebsEnabled",
  "fluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param ebsEnabled
Specifies whether EBS-based storage is enabled. \n@return Returns a reference to this object so that method calls
can be chained together.",
  "fluentSetterMethodName" : "ebsEnabled",
  "getterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@return Specifies whether
EBS-based storage is enabled.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,

```

```

    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EBSEnabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EBSEnabled",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "EBSEnabled",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param ebsEnabled
Specifies whether EBS-based storage is enabled.",
  "setterMethodName" : "setEbsEnabled",
  "setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "ebsEnabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "ebsEnabled",
    "variableType" : "Boolean",
    "documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getVolumeTypeAsString",
  "beanStyleSetterMethodName" : "setVolumeType",
  "c2jName" : "VolumeType",
  "c2jShape" : "VolumeType",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based

```

storage.

This is a convenience that creates an instance of the `{ @link String.Builder}` avoiding the need to create one manually via `{ @link String#builder()}`. When the `{ @link Consumer}` completes, `{ @link String.Builder#build()}` is called immediately and its result is passed to `{ @link #volumeTypeAsString(String)}`. @param volumeType a consumer that will call methods on `{ @link String.Builder}` @return Returns a reference to this object so that method calls can be chained together. @see `#volumeType(String)`,

```

    "deprecated" : false,
    "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : "VolumeType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "volumeType",
    "fluentEnumSetterMethodName" : "volumeType",
    "fluentGetterMethodName" : "volumeTypeAsString",
    "fluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param
    volumeType Specifies the volume type for EBS-based storage.\n@see VolumeType\n@return Returns a reference
    to this object so that method calls can be chained together.\n@see VolumeType",
    "fluentSetterMethodName" : "volumeType",
    "getterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n<p>\nIf the service
    returns an enum value that is not available in the current SDK version, { @link #volumeType} will return { @link
    VolumeType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
    #volumeTypeAsString}.\n</p>\n@return Specifies the volume type for EBS-based storage.\n@see VolumeType",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "VolumeType",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "VolumeType",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,

```

```

"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "VolumeType",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param volumeType
Specifies the volume type for EBS-based storage.\n@see VolumeType",
"setterMethodName" : "setVolumeType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "volumeType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "volumeType",
  "variableType" : "String",
  "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getVolumeSize",
  "beanStyleSetterMethodName" : "setVolumeSize",
  "c2jName" : "VolumeSize",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\nThis
is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually
via {@link Integer#builder()}. \n\nWhen the {@link Consumer} completes, {@link Integer.Builder#build()} is
called immediately and its result is passed to {@link #volumeSize(Integer)}. \n@param volumeSize a consumer that
will call methods on {@link Integer.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #volumeSize(Integer)",
  "deprecated" : false,
  "documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "volumeSize",
  "fluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize

```

Integer to specify the size of an EBS volume.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "volumeSize",
"getterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@return Integer to specify
the size of an EBS volume.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VolumeSize",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VolumeSize",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "VolumeSize",
"sensitive" : false,
"setterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize Integer
to specify the size of an EBS volume.",
"setterMethodName" : "setVolumeSize",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "volumeSize",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
```



```

"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "volumeSize",
  "variableType" : "Integer",
  "documentation" : "<p>Integer to specify the size of an EBS volume.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getIops",
  "beanStyleSetterMethodName" : "setIops",
  "c2jName" : "Iops",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #iops(Integer)}. \n@param iops a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #iops(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "iops",
  "fluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD). \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "iops",
  "getterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@return Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,

```

```

    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Iops",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Iops",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "Iops",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@param
iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
  "setterMethodName" : "setIops",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "iops",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "iops",
    "variableType" : "Integer",
    "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "EBSEnabled" : {
    "beanStyleGetterMethodName" : "getEbsEnabled",
    "beanStyleSetterMethodName" : "setEbsEnabled",
    "c2jName" : "EBSEnabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is
enabled.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to

```

create one manually via { @link Boolean#builder()}.
When the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #ebsEnabled(Boolean)}.
@param ebsEnabled a consumer that will call methods on { @link Boolean.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #ebsEnabled(Boolean)",

```
"deprecated" : false,
"documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsEnabled",
"fluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param
ebsEnabled Specifies whether EBS-based storage is enabled.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "ebsEnabled",
"getterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@return Specifies
whether EBS-based storage is enabled.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EBSEnabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EBSEnabled",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
```

```

"name" : "EBSEnabled",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param ebsEnabled
Specifies whether EBS-based storage is enabled.",
"setterMethodName" : "setEbsEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "ebsEnabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "ebsEnabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"Iops" : {
  "beanStyleGetterMethodName" : "getIops",
  "beanStyleSetterMethodName" : "setIops",
  "c2jName" : "Iops",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume
(SSD).</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}.</p>\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #iops(Integer)}.</p>\n@param iops a
consumer that will call methods on { @link Integer.Builder}</p>\n@return Returns a reference to this object so that
method calls can be chained together.</p>\n@see #iops(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "iops",
  "fluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume
(SSD).</p>\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@return Returns a
reference to this object so that method calls can be chained together.",

```

```

    "fluentSetterMethodName" : "iops",
    "getterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@return
Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
    "getterModel" : {
        "returnType" : "Integer",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Iops",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Iops",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "INTEGER",
    "name" : "Iops",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@param
iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
    "setterMethodName" : "setIops",
    "setterModel" : {
        "variableDeclarationType" : "Integer",
        "variableName" : "iops",
        "variableType" : "Integer",
        "documentation" : null,
        "simpleType" : "Integer",
        "variableSetterType" : "Integer"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "Integer",

```

```

    "variableName" : "iops",
    "variableType" : "Integer",
    "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
},
"VolumeSize" : {
  "beanStyleGetterMethodName" : "getVolumeSize",
  "beanStyleSetterMethodName" : "setVolumeSize",
  "c2jName" : "VolumeSize",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\nThis
is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually
via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is
called immediately and its result is passed to { @link #volumeSize(Integer)}. \n@param volumeSize a consumer that
will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be
chained together. \n@see #volumeSize(Integer)",
  "deprecated" : false,
  "documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "volumeSize",
  "fluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize
Integer to specify the size of an EBS volume.\n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "volumeSize",
  "getterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@return Integer to specify
the size of an EBS volume.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",

```

```

    "marshallLocationName" : "VolumeSize",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "VolumeSize",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "VolumeSize",
  "sensitive" : false,
  "setterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize Integer
to specify the size of an EBS volume.",
  "setterMethodName" : "setVolumeSize",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "volumeSize",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "volumeSize",
    "variableType" : "Integer",
    "documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
},
"VolumeType" : {
  "beanStyleGetterMethodName" : "getVolumeTypeAsString",
  "beanStyleSetterMethodName" : "setVolumeType",
  "c2jName" : "VolumeType",
  "c2jShape" : "VolumeType",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based
storage.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link

```

```

#volumeTypeAsString(String)}.  

@link String.Builder}  

@return Returns a reference to this object so that method calls can be chained together.  

@see #volumeType(String)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : "VolumeType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "volumeType",
    "fluentEnumSetterMethodName" : "volumeType",
    "fluentGetterMethodName" : "volumeTypeAsString",
    "fluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>".  

@link volumeType Specifies the volume type for EBS-based storage.  

@see VolumeType  

@return Returns a reference to this object so that method calls can be chained together.  

@see VolumeType",
    "fluentSetterMethodName" : "volumeType",
    "getterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>".  

<p>If the service returns an enum value that is not available in the current SDK version, { @link #volumeType } will return { @link VolumeType#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from { @link #volumeTypeAsString }.</p>".  

@return Specifies the volume type for EBS-based storage.  

@see VolumeType",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "VolumeType",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "VolumeType",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",

```



```

    "name" : "VolumeType",
    "sensitive" : false,
    "setterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param volumeType
Specifies the volume type for EBS-based storage.\n@see VolumeType",
    "setterMethodName" : "setVolumeType",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "volumeType",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "volumeType",
        "variableType" : "String",
        "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getEbsEnabled",
    "beanStyleSetterMethodName" : "setEbsEnabled",
    "c2jName" : "EBSEnabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is
enabled.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#ebsEnabled(Boolean)}. \n@param ebsEnabled a consumer that will call methods on { @link
Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#ebsEnabled(Boolean)",
    "deprecated" : false,
    "documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "ebsEnabled",
    "fluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param ebsEnabled

```

Specifies whether EBS-based storage is enabled.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "ebsEnabled",  
"getterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@return Specifies whether  
EBS-based storage is enabled.",
```

```
"getterModel" : {  
  "returnType" : "Boolean",  
  "documentation" : null  
},  
"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "EBSEnabled",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "EBSEnabled",  
  "uri" : false  
},  
"idempotencyToken" : false,  
"isBinary" : false,  
"jsonValue" : false,  
"list" : false,  
"listModel" : null,  
"map" : false,  
"mapModel" : null,  
"marshallingType" : "BOOLEAN",  
"name" : "EBSEnabled",  
"sensitive" : false,
```

```
"setterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param ebsEnabled  
Specifies whether EBS-based storage is enabled.",
```

```
"setterMethodName" : "setEbsEnabled",  
"setterModel" : {  
  "variableDeclarationType" : "Boolean",  
  "variableName" : "ebsEnabled",  
  "variableType" : "Boolean",  
  "documentation" : null,  
  "simpleType" : "Boolean",  
  "variableSetterType" : "Boolean"  
},  
"simple" : true,  
"timestampFormat" : null,
```

```

"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "ebsEnabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getVolumeTypeAsString",
  "beanStyleSetterMethodName" : "setVolumeType",
  "c2jName" : "VolumeType",
  "c2jShape" : "VolumeType",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based
storage.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#volumeTypeAsString(String)}. \n@param volumeType a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#volumeType(String)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "VolumeType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "volumeType",
  "fluentEnumSetterMethodName" : "volumeType",
  "fluentGetterMethodName" : "volumeTypeAsString",
  "fluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param
volumeType Specifies the volume type for EBS-based storage.\n@see VolumeType\n@return Returns a reference
to this object so that method calls can be chained together.\n@see VolumeType",
  "fluentSetterMethodName" : "volumeType",
  "getterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #volumeType} will return { @link
VolumeType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#volumeTypeAsString}. \n</p>\n@return Specifies the volume type for EBS-based storage.\n@see VolumeType",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

```

```

    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "VolumeType",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "VolumeType",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "VolumeType",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param volumeType
Specifies the volume type for EBS-based storage.\n@see VolumeType",
  "setterMethodName" : "setVolumeType",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "volumeType",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "volumeType",
    "variableType" : "String",
    "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getVolumeSize",
  "beanStyleSetterMethodName" : "setVolumeSize",
  "c2jName" : "VolumeSize",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\nThis

```

is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}.
 When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #volumeSize(Integer)}.
 @param volumeSize a consumer that will call methods on { @link Integer.Builder}
 @return Returns a reference to this object so that method calls can be chained together.
 @see #volumeSize(Integer)",

```

    "deprecated" : false,
    "documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "volumeSize",
    "fluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize Integer to specify the size of an EBS volume.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "volumeSize",
    "getterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@return Integer to specify the size of an EBS volume.",
    "getterModel" : {
      "returnType" : "Integer",
      "documentation" : null
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      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "VolumeSize",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "VolumeSize",
      "uri" : false
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    "jsonValue" : false,
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    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "INTEGER",
  
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"name" : "VolumeSize",
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to specify the size of an EBS volume.",
"setterMethodName" : "setVolumeSize",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "volumeSize",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
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"simple" : true,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "volumeSize",
  "variableType" : "Integer",
  "documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
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"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getIops",
  "beanStyleSetterMethodName" : "setIops",
  "c2jName" : "Iops",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume
(SSD).</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #iops(Integer)}. \n@param iops a
consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #iops(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "iops",
  "fluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume
(SSD).</p>\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD). \n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "iops",

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"getterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@return Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",

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"getterModel" : {
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  "documentation" : null
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"http" : {
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  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Iops",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Iops",
  "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Iops",
"sensitive" : false,
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"setterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",

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"setterMethodName" : "setIops",
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  "variableName" : "iops",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
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"simple" : true,
"timestampFormat" : null,
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  "variableName" : "iops",
```

```

    "variableType" : "Integer",
    "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
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  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "EBSOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
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  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"wrapper" : false
},
"EBSOptionsStatus" : {
  "c2jName" : "EBSOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Status of the EBS options for the specified Elasticsearch domain.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,

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"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch
domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder } avoiding the need
to create one manually via { @link EBSOptions#builder() }. \n\nWhen the { @link Consumer } completes, { @link
EBSOptions.Builder#build() } is called immediately and its result is passed to { @link
#options(EBSOptions) }. \n@param options a consumer that will call methods on { @link
EBSOptions.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(EBSOptions)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch
domain.</p>\n@param options Specifies the EBS options for the specified Elasticsearch domain. \n@return Returns
a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>\n@return
Specifies the EBS options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "EBSOptions",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},

```

```

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>\n@param
options Specifies the EBS options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "options",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "options",
  "variableType" : "EBSOptions",
  "documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder}
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
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"fluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the EBS options for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the EBS options for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
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"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the EBS options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",

```

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    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "EBSOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder } avoiding the need to create one manually via { @link EBSOptions#builder() }. \n\nWhen the { @link Consumer } completes, { @link EBSOptions.Builder#build() } is called immediately and its result is passed to { @link #options(EBSOptions) }. \n@param options a consumer that will call methods on { @link EBSOptions.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #options(EBSOptions)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
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    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>\n@param options Specifies the EBS options for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "options",
    "getterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>\n@return Specifies the EBS options for the specified Elasticsearch domain.",
    "getterModel" : {
      "returnType" : "EBSOptions",
      "documentation" : null
    }
  },

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"http" : {
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  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>\n@param
options Specifies the EBS options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "options",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "options",
  "variableType" : "EBSOptions",
  "documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNamespaceUri" : null

```

```

    },
    "Status" : {
        "beanStyleGetterMethodName" : "getStatus",
        "beanStyleSetterMethodName" : "setStatus",
        "c2jName" : "Status",
        "c2jShape" : "OptionStatus",
        "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder}
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
        "deprecated" : false,
        "documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
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        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "status",
        "fluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the EBS options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
        "fluentSetterMethodName" : "status",
        "getterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the EBS options for the specified Elasticsearch domain.",
        "getterModel" : {
            "returnType" : "OptionStatus",
            "documentation" : null
        }
    },
    "http" : {
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        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Status",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Status",
        "uri" : false
    }
},

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    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
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    "marshallingType" : "SDK_POJO",
    "name" : "Status",
    "sensitive" : false,
    "setterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the EBS options for the specified Elasticsearch domain.",
    "setterMethodName" : "setStatus",
    "setterModel" : {
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        "variableName" : "status",
        "variableType" : "OptionStatus",
        "documentation" : null,
        "simpleType" : "OptionStatus",
        "variableSetterType" : "OptionStatus"
    },
    "simple" : false,
    "timestampFormat" : null,
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        "variableDeclarationType" : "OptionStatus",
        "variableName" : "status",
        "variableType" : "OptionStatus",
        "documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
        "simpleType" : "OptionStatus",
        "variableSetterType" : "OptionStatus"
    },
    "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "EBSOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch
domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need
to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(EBSOptions)}. \n@param options a consumer that will call methods on { @link
EBSOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(EBSOptions)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",

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```

"endpointDiscoveryId" : false,
"enumType" : null,
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"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch
domain.</p>\n@param options Specifies the EBS options for the specified Elasticsearch domain.\n@return Returns
a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>\n@return
Specifies the EBS options for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "EBSOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>\n@param
options Specifies the EBS options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",

```



```

    "variableName" : "options",
    "variableType" : "EBSOptions",
    "documentation" : null,
    "simpleType" : "EBSOptions",
    "variableSetterType" : "EBSOptions"
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  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EBSOptions",
    "variableName" : "options",
    "variableType" : "EBSOptions",
    "documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
    "simpleType" : "EBSOptions",
    "variableSetterType" : "EBSOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the EBS options for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the EBS options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
},

```

```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the EBS options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
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  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null

```

```

    } ],
    "requestSignerAware" : false,
    "requestSignerClassFqcn" : null,
    "required" : [ "Options", "Status" ],
    "shapeName" : "EBSOptionsStatus",
    "simpleMethod" : false,
    "unmarshaller" : {
        "flattened" : false,
        "resultWrapper" : null
    },
    "variable" : {
        "variableDeclarationType" : "EBSOptionsStatus",
        "variableName" : "ebsOptionsStatus",
        "variableType" : "EBSOptionsStatus",
        "documentation" : null,
        "simpleType" : "EBSOptionsStatus",
        "variableSetterType" : "EBSOptionsStatus"
    },
    "wrapper" : false
},
"ESPartitionInstanceType" : {
    "c2jName" : "ESPartitionInstanceType",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscovery" : null,
    "enums" : [ {
        "name" : "M3_MEDIUM_ELASTICSEARCH",
        "value" : "m3.medium.elasticsearch"
    }, {
        "name" : "M3_LARGE_ELASTICSEARCH",
        "value" : "m3.large.elasticsearch"
    }, {
        "name" : "M3_XLARGE_ELASTICSEARCH",
        "value" : "m3.xlarge.elasticsearch"
    }, {
        "name" : "M3_2_XLARGE_ELASTICSEARCH",
        "value" : "m3.2xlarge.elasticsearch"
    }, {
        "name" : "M4_LARGE_ELASTICSEARCH",
        "value" : "m4.large.elasticsearch"
    }, {

```

```
"name" : "M4_XLARGE_ELASTICSEARCH",
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}, {
"name" : "M4_2_XLARGE_ELASTICSEARCH",
"value" : "m4.2xlarge.elasticsearch"
}, {
"name" : "M4_4_XLARGE_ELASTICSEARCH",
"value" : "m4.4xlarge.elasticsearch"
}, {
"name" : "M4_10_XLARGE_ELASTICSEARCH",
"value" : "m4.10xlarge.elasticsearch"
}, {
"name" : "T2_MICRO_ELASTICSEARCH",
"value" : "t2.micro.elasticsearch"
}, {
"name" : "T2_SMALL_ELASTICSEARCH",
"value" : "t2.small.elasticsearch"
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"name" : "T2_MEDIUM_ELASTICSEARCH",
"value" : "t2.medium.elasticsearch"
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"name" : "R3_LARGE_ELASTICSEARCH",
"value" : "r3.large.elasticsearch"
}, {
"name" : "R3_XLARGE_ELASTICSEARCH",
"value" : "r3.xlarge.elasticsearch"
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"name" : "R3_2_XLARGE_ELASTICSEARCH",
"value" : "r3.2xlarge.elasticsearch"
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"value" : "r3.4xlarge.elasticsearch"
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"value" : "r3.8xlarge.elasticsearch"
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"value" : "i2.xlarge.elasticsearch"
}, {
"name" : "I2_2_XLARGE_ELASTICSEARCH",
"value" : "i2.2xlarge.elasticsearch"
}, {
"name" : "D2_XLARGE_ELASTICSEARCH",
"value" : "d2.xlarge.elasticsearch"
}, {
"name" : "D2_2_XLARGE_ELASTICSEARCH",
"value" : "d2.2xlarge.elasticsearch"
}, {
```

```
"name" : "D2_4_XLARGE_ELASTICSEARCH",
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"value" : "d2.8xlarge.elasticsearch"
}, {
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}, {
"name" : "C4_XLARGE_ELASTICSEARCH",
"value" : "c4.xlarge.elasticsearch"
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"name" : "C4_2_XLARGE_ELASTICSEARCH",
"value" : "c4.2xlarge.elasticsearch"
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"value" : "c4.4xlarge.elasticsearch"
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"name" : "C4_8_XLARGE_ELASTICSEARCH",
"value" : "c4.8xlarge.elasticsearch"
}, {
"name" : "R4_LARGE_ELASTICSEARCH",
"value" : "r4.large.elasticsearch"
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"name" : "R4_2_XLARGE_ELASTICSEARCH",
"value" : "r4.2xlarge.elasticsearch"
}, {
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"value" : "r4.4xlarge.elasticsearch"
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"name" : "R4_8_XLARGE_ELASTICSEARCH",
"value" : "r4.8xlarge.elasticsearch"
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"name" : "R4_16_XLARGE_ELASTICSEARCH",
"value" : "r4.16xlarge.elasticsearch"
}, {
"name" : "I3_LARGE_ELASTICSEARCH",
"value" : "i3.large.elasticsearch"
}, {
"name" : "I3_XLARGE_ELASTICSEARCH",
"value" : "i3.xlarge.elasticsearch"
}, {
"name" : "I3_2_XLARGE_ELASTICSEARCH",
"value" : "i3.2xlarge.elasticsearch"
}, {
```

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    "value" : "i3.4xlarge.elasticsearch"
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    "name" : "I3_8_XLARGE_ELASTICSEARCH",
    "value" : "i3.8xlarge.elasticsearch"
  }, {
    "name" : "I3_16_XLARGE_ELASTICSEARCH",
    "value" : "i3.16xlarge.elasticsearch"
  } ],
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "ESPartitionInstanceType",
  "simpleMethod" : false,
  "unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
  },
  "variable" : {
    "variableDeclarationType" : "ESPartitionInstanceType",
    "variableName" : "esPartitionInstanceType",
    "variableType" : "ESPartitionInstanceType",
    "documentation" : null,
    "simpleType" : "ESPartitionInstanceType",
    "variableSetterType" : "ESPartitionInstanceType"
  },
  "wrapper" : false
},
"ElasticsearchClusterConfig" : {
  "c2jName" : "ElasticsearchClusterConfig",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,

```

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    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Specifies the configuration for the domain cluster, such as the type and number of
instances.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getInstanceTypeAsString",
    "beanStyleSetterMethodName" : "setInstanceType",
    "c2jName" : "InstanceType",
    "c2jShape" : "ESPartitionInstanceType",
    "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #instanceTypeAsString(String)}. \n@param instanceType a consumer
that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls
can be chained together.\n@see #instanceType(String)",
    "deprecated" : false,
    "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : "ESPartitionInstanceType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "instanceType",
    "fluentEnumSetterMethodName" : "instanceType",
    "fluentGetterMethodName" : "instanceTypeAsString",
    "fluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType
The instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType\n@return Returns a reference to this
object so that method calls can be chained together.\n@see ESPartitionInstanceType",
    "fluentSetterMethodName" : "instanceType",
    "getterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n<p>\nIf the service returns an
enum value that is not available in the current SDK version, { @link #instanceType} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #instanceTypeAsString}. \n</p>\n@return The instance type for an Elasticsearch cluster.\n@see
ESPartitionInstanceType",
    "getterModel" : {
      "returnType" : "String",

```

```

"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceType",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"sensitive" : false,
"setterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType The
instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType",
"setterMethodName" : "setInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
}

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    },
    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getInstanceCount",
    "beanStyleSetterMethodName" : "setInstanceCount",
    "c2jName" : "InstanceCount",
    "c2jShape" : "IntegerClass",
    "defaultConsumerFluentSetterDocumentation" : "<p>The number of instances in the specified domain
cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#instanceCount(Integer)",
    "deprecated" : false,
    "documentation" : "<p>The number of instances in the specified domain cluster.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "instanceCount",
    "fluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param
instanceCount The number of instances in the specified domain cluster.\n@return Returns a reference to this object
so that method calls can be chained together.",
    "fluentSetterMethodName" : "instanceCount",
    "getterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@return The
number of instances in the specified domain cluster.",
    "getterModel" : {
      "returnType" : "Integer",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "InstanceCount",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "InstanceCount",
    "uri" : false
  }
}

```

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    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "INTEGER",
    "name" : "InstanceCount",
    "sensitive" : false,
    "setterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param
instanceCount The number of instances in the specified domain cluster.",
    "setterMethodName" : "setInstanceCount",
    "setterModel" : {
        "variableDeclarationType" : "Integer",
        "variableName" : "instanceCount",
        "variableType" : "Integer",
        "documentation" : null,
        "simpleType" : "Integer",
        "variableSetterType" : "Integer"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "Integer",
        "variableName" : "instanceCount",
        "variableType" : "Integer",
        "documentation" : "<p>The number of instances in the specified domain cluster.</p>",
        "simpleType" : "Integer",
        "variableSetterType" : "Integer"
    },
    "xmlNamespaceUri" : null
}, {
    "beanStyleGetterMethodName" : "getDedicatedMasterEnabled",
    "beanStyleSetterMethodName" : "setDedicatedMasterEnabled",
    "c2jName" : "DedicatedMasterEnabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master
node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master
Nodes</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link
Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link
#dedicatedMasterEnabled(Boolean)}. \n@param dedicatedMasterEnabled a consumer that will call methods on
{ @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #dedicatedMasterEnabled(Boolean)",
    "deprecated" : false,

```

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"documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\\" target=\\"_blank\\">About Dedicated Master Nodes</a> for more information.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterEnabled",
"fluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\\" target=\\"_blank\\">About Dedicated Master Nodes</a> for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href=\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\\" target=\\"_blank\\">About Dedicated Master Nodes</a> for more information.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "dedicatedMasterEnabled",
"getterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\\" target=\\"_blank\\">About Dedicated Master Nodes</a> for more information.</p>\n@return A boolean value to indicate whether a dedicated master node is enabled. See <a href=\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\\" target=\\"_blank\\">About Dedicated Master Nodes</a> for more information.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DedicatedMasterEnabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DedicatedMasterEnabled",
  "uri" : false
},
"idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "DedicatedMasterEnabled",
"sensitive" : false,
"setterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.",
"setterMethodName" : "setDedicatedMasterEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "dedicatedMasterEnabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "dedicatedMasterEnabled",
  "variableType" : "Boolean",
  "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getZoneAwarenessEnabled",
  "beanStyleSetterMethodName" : "setZoneAwarenessEnabled",
  "c2jName" : "ZoneAwarenessEnabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need

```

to create one manually via `{ @link Boolean#builder() }`.
When the `{ @link Consumer }` completes, `{ @link Boolean.Builder#build() }` is called immediately and its result is passed to `{ @link #zoneAwarenessEnabled(Boolean) }`.
`@param zoneAwarenessEnabled` a consumer that will call methods on `{ @link Boolean.Builder }`
`@return` Returns a reference to this object so that method calls can be chained together.
`@see #zoneAwarenessEnabled(Boolean)`,

"deprecated" : false,

"documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "zoneAwarenessEnabled",

"fluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>
`@param zoneAwarenessEnabled` A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.
`@return` Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "zoneAwarenessEnabled",

"getterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>
`@return` A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.",

"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null

},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ZoneAwarenessEnabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ZoneAwarenessEnabled",

```

    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "ZoneAwarenessEnabled",
  "sensitive" : false,
  "setterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service/manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information.</p>\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service/manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information.",
  "setterMethodName" : "setZoneAwarenessEnabled",
  "setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "zoneAwarenessEnabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "zoneAwarenessEnabled",
    "variableType" : "Boolean",
    "documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service/manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getZoneAwarenessConfig",
  "beanStyleSetterMethodName" : "setZoneAwarenessConfig",
  "c2jName" : "ZoneAwarenessConfig",
  "c2jShape" : "ZoneAwarenessConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is enabled.</p>\nThis is a convenience that creates an instance of the { @link ZoneAwarenessConfig.Builder} avoiding the need to create one manually via { @link

```

ZoneAwarenessConfig#builder()).\n\nWhen the { @link Consumer } completes, { @link ZoneAwarenessConfig.Builder#build() } is called immediately and its result is passed to { @link #zoneAwarenessConfig(ZoneAwarenessConfig)}. \n@param zoneAwarenessConfig a consumer that will call methods on { @link ZoneAwarenessConfig.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #zoneAwarenessConfig(ZoneAwarenessConfig)",

"deprecated" : false,

"documentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is enabled.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "zoneAwarenessConfig",

"fluentSetterDocumentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is enabled.</p>\n@param zoneAwarenessConfig Specifies the zone awareness configuration for a domain when zone awareness is enabled. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "zoneAwarenessConfig",

"getterDocumentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is enabled.</p>\n@return Specifies the zone awareness configuration for a domain when zone awareness is enabled.",

"getterModel" : {

"returnType" : "ZoneAwarenessConfig",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "ZoneAwarenessConfig",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "ZoneAwarenessConfig",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

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"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ZoneAwarenessConfig",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is
enabled.</p>\n@param zoneAwarenessConfig Specifies the zone awareness configuration for a domain when zone
awareness is enabled.",
"setterMethodName" : "setZoneAwarenessConfig",
"setterModel" : {
  "variableDeclarationType" : "ZoneAwarenessConfig",
  "variableName" : "zoneAwarenessConfig",
  "variableType" : "ZoneAwarenessConfig",
  "documentation" : null,
  "simpleType" : "ZoneAwarenessConfig",
  "variableSetterType" : "ZoneAwarenessConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ZoneAwarenessConfig",
  "variableName" : "zoneAwarenessConfig",
  "variableType" : "ZoneAwarenessConfig",
  "documentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is
enabled.</p>",
  "simpleType" : "ZoneAwarenessConfig",
  "variableSetterType" : "ZoneAwarenessConfig"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDedicatedMasterTypeAsString",
  "beanStyleSetterMethodName" : "setDedicatedMasterType",
  "c2jName" : "DedicatedMasterType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #dedicatedMasterTypeAsString(String)}. \n@param
dedicatedMasterType a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to
this object so that method calls can be chained together. \n@see #dedicatedMasterType(String)",
  "deprecated" : false,
  "documentation" : "<p>The instance type for a dedicated master node.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ESPartitionInstanceType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "dedicatedMasterType",
  "fluentEnumSetterMethodName" : "dedicatedMasterType",
  "fluentGetterMethodName" : "dedicatedMasterTypeAsString",

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    "fluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n@param
dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType\n@return
Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
    "fluentSetterMethodName" : "dedicatedMasterType",
    "getterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #dedicatedMasterType } will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #dedicatedMasterTypeAsString}.\n</p>\n@return The instance type for a dedicated master
node.\n@see ESPartitionInstanceType",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "DedicatedMasterType",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "DedicatedMasterType",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "DedicatedMasterType",
    "sensitive" : false,
    "setterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n@param
dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType",
    "setterMethodName" : "setDedicatedMasterType",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "dedicatedMasterType",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",

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    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "dedicatedMasterType",
    "variableType" : "String",
    "documentation" : "<p>The instance type for a dedicated master node.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDedicatedMasterCount",
  "beanStyleSetterMethodName" : "setDedicatedMasterCount",
  "c2jName" : "DedicatedMasterCount",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #dedicatedMasterCount(Integer)}. \n@param dedicatedMasterCount a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #dedicatedMasterCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "dedicatedMasterCount",
  "fluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "dedicatedMasterCount",
  "getterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>\n@return Total number of dedicated master nodes, active and on standby, for the cluster.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DedicatedMasterCount",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DedicatedMasterCount",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "DedicatedMasterCount",
  "sensitive" : false,
  "setterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.",
  "setterMethodName" : "setDedicatedMasterCount",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "dedicatedMasterCount",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "dedicatedMasterCount",
    "variableType" : "Integer",
    "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DedicatedMasterCount" : {

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"beanStyleGetterMethodName" : "getDedicatedMasterCount",
"beanStyleSetterMethodName" : "setDedicatedMasterCount",
"c2jName" : "DedicatedMasterCount",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on
standby, for the cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding
the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#dedicatedMasterCount(Integer)}. \n@param dedicatedMasterCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#dedicatedMasterCount(Integer)",
"deprecated" : false,
"documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterCount",
"fluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for
the cluster.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "dedicatedMasterCount",
"getterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@return Total number of dedicated master nodes, active and on standby, for the cluster.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DedicatedMasterCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DedicatedMasterCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "DedicatedMasterCount",
"sensitive" : false,
"setterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for
the cluster.",
"setterMethodName" : "setDedicatedMasterCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "dedicatedMasterCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "dedicatedMasterCount",
  "variableType" : "Integer",
  "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"DedicatedMasterEnabled" : {
  "beanStyleGetterMethodName" : "getDedicatedMasterEnabled",
  "beanStyleSetterMethodName" : "setDedicatedMasterEnabled",
  "c2jName" : "DedicatedMasterEnabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master
node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master
Nodes</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link
Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link
#dedicatedMasterEnabled(Boolean)}. \n@param dedicatedMasterEnabled a consumer that will call methods on
{ @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #dedicatedMasterEnabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a

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href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes for more information.</p>

```
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterEnabled",
```

```
"fluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled.
```

```
See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.\n@return Returns a reference to this object so that method calls can be chained together."
```

```
"fluentSetterMethodName" : "dedicatedMasterEnabled",
```

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"getterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>\n@return A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information."
```

```
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
```

```
},
```

```
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DedicatedMasterEnabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DedicatedMasterEnabled",
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

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"isBinary" : false,
```

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "DedicatedMasterEnabled",
"sensitive" : false,
"setterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/eguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\\" target=\\"_blank\\">About Dedicated Master Nodes</a> for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href=\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/eguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\\" target=\\"_blank\\">About Dedicated Master Nodes</a> for more information.",
"setterMethodName" : "setDedicatedMasterEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "dedicatedMasterEnabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "dedicatedMasterEnabled",
  "variableType" : "Boolean",
  "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/eguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\\" target=\\"_blank\\">About Dedicated Master Nodes</a> for more information.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"DedicatedMasterType" : {
  "beanStyleGetterMethodName" : "getDedicatedMasterTypeAsString",
  "beanStyleSetterMethodName" : "setDedicatedMasterType",
  "c2jName" : "DedicatedMasterType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }.</p>\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link

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#dedicatedMasterTypeAsString(String)}.
@param dedicatedMasterType a consumer that will call methods on
{@link String.Builder}
@return Returns a reference to this object so that method calls can be chained
together.
@see #dedicatedMasterType(String)",
    "deprecated" : false,
    "documentation" : "<p>The instance type for a dedicated master node.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : "ESPartitionInstanceType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "dedicatedMasterType",
    "fluentEnumSetterMethodName" : "dedicatedMasterType",
    "fluentGetterMethodName" : "dedicatedMasterTypeAsString",
    "fluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>
@param
dedicatedMasterType The instance type for a dedicated master node.
@see ESPartitionInstanceType
@return
Returns a reference to this object so that method calls can be chained together.
@see ESPartitionInstanceType",
    "fluentSetterMethodName" : "dedicatedMasterType",
    "getterDocumentation" : "<p>The instance type for a dedicated master node.</p>
<p>
If the service returns
an enum value that is not available in the current SDK version,
{@link #dedicatedMasterType} will return
{@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}.
The raw value returned by the service is available
from
{@link #dedicatedMasterTypeAsString}.
</p>
@return The instance type for a dedicated master
node.
@see ESPartitionInstanceType",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "DedicatedMasterType",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "DedicatedMasterType",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,

```



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"marshallingType" : "STRING",
"name" : "DedicatedMasterType",
"sensitive" : false,
"setterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n@param
dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType",
"setterMethodName" : "setDedicatedMasterType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "dedicatedMasterType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "dedicatedMasterType",
  "variableType" : "String",
  "documentation" : "<p>The instance type for a dedicated master node.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"InstanceCount" : {
  "beanStyleGetterMethodName" : "getInstanceCount",
  "beanStyleSetterMethodName" : "setInstanceCount",
  "c2jName" : "InstanceCount",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of instances in the specified domain
cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#instanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The number of instances in the specified domain cluster.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceCount",
  "fluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param

```

instanceCount The number of instances in the specified domain cluster.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "instanceCount",
```

"getterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@return The number of instances in the specified domain cluster.",

```
"getterModel" : {
```

```
  "returnType" : "Integer",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : null,
```

```
  "marshallLocation" : "PAYLOAD",
```

```
  "marshallLocationName" : "InstanceCount",
```

```
  "queryString" : false,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "InstanceCount",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "INTEGER",
```

```
"name" : "InstanceCount",
```

```
"sensitive" : false,
```

"setterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param instanceCount The number of instances in the specified domain cluster.",

```
"setterMethodName" : "setInstanceCount",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "Integer",
```

```
  "variableName" : "instanceCount",
```

```
  "variableType" : "Integer",
```

```
  "documentation" : null,
```

```
  "simpleType" : "Integer",
```

```
  "variableSetterType" : "Integer"
```

```
},
```

```
"simple" : true,
```

```
"timestampFormat" : null,
```

```

"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : "<p>The number of instances in the specified domain cluster.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"InstanceType" : {
  "beanStyleGetterMethodName" : "getInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setInstanceType",
  "c2jName" : "InstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #instanceTypeAsString(String)}. \n@param instanceType a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #instanceType(String)",
  "deprecated" : false,
  "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ESPartitionInstanceType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "instanceType",
  "fluentEnumSetterMethodName" : "instanceType",
  "fluentGetterMethodName" : "instanceTypeAsString",
  "fluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType The instance type for an Elasticsearch cluster. \n@see ESPartitionInstanceType \n@return Returns a reference to this object so that method calls can be chained together. \n@see ESPartitionInstanceType",
  "fluentSetterMethodName" : "instanceType",
  "getterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #instanceType} will return { @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #instanceTypeAsString}. \n</p>\n@return The instance type for an Elasticsearch cluster. \n@see ESPartitionInstanceType",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

```

```

    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "InstanceType",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "InstanceType",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "InstanceType",
  "sensitive" : false,
  "setterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType The
instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType",
  "setterMethodName" : "setInstanceType",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "instanceType",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "instanceType",
    "variableType" : "String",
    "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"ZoneAwarenessConfig" : {
  "beanStyleGetterMethodName" : "getZoneAwarenessConfig",
  "beanStyleSetterMethodName" : "setZoneAwarenessConfig",
  "c2jName" : "ZoneAwarenessConfig",

```

```

    "c2jShape" : "ZoneAwarenessConfig",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the zone awareness configuration for a domain
when zone awareness is enabled.</p>\nThis is a convenience that creates an instance of the { @link
ZoneAwarenessConfig.Builder} avoiding the need to create one manually via { @link
ZoneAwarenessConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ZoneAwarenessConfig.Builder#build()} is called immediately and its result is passed to { @link
#zoneAwarenessConfig(ZoneAwarenessConfig)}. \n@param zoneAwarenessConfig a consumer that will call
methods on { @link ZoneAwarenessConfig.Builder}\n@return Returns a reference to this object so that method calls
can be chained together.\n@see #zoneAwarenessConfig(ZoneAwarenessConfig)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is
enabled.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "zoneAwarenessConfig",
    "fluentSetterDocumentation" : "<p>Specifies the zone awareness configuration for a domain when zone
awareness is enabled.</p>\n@param zoneAwarenessConfig Specifies the zone awareness configuration for a
domain when zone awareness is enabled.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "zoneAwarenessConfig",
    "getterDocumentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is
enabled.</p>\n@return Specifies the zone awareness configuration for a domain when zone awareness is enabled.",
    "getterModel" : {
        "returnType" : "ZoneAwarenessConfig",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ZoneAwarenessConfig",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ZoneAwarenessConfig",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ZoneAwarenessConfig",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is
enabled.</p>\n@param zoneAwarenessConfig Specifies the zone awareness configuration for a domain when zone
awareness is enabled.",
"setterMethodName" : "setZoneAwarenessConfig",
"setterModel" : {
  "variableDeclarationType" : "ZoneAwarenessConfig",
  "variableName" : "zoneAwarenessConfig",
  "variableType" : "ZoneAwarenessConfig",
  "documentation" : null,
  "simpleType" : "ZoneAwarenessConfig",
  "variableSetterType" : "ZoneAwarenessConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ZoneAwarenessConfig",
  "variableName" : "zoneAwarenessConfig",
  "variableType" : "ZoneAwarenessConfig",
  "documentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is
enabled.</p>",
  "simpleType" : "ZoneAwarenessConfig",
  "variableSetterType" : "ZoneAwarenessConfig"
},
"xmlNamespaceUri" : null
},
"ZoneAwarenessEnabled" : {
  "beanStyleGetterMethodName" : "getZoneAwarenessEnabled",
  "beanStyleSetterMethodName" : "setZoneAwarenessEnabled",
  "c2jName" : "ZoneAwarenessEnabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is
enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
manageddomains.html#es-manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness</a> for more
information.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need
to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#zoneAwarenessEnabled(Boolean)}. \n@param zoneAwarenessEnabled a consumer that will call methods on
{ @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #zoneAwarenessEnabled(Boolean)",
  "deprecated" : false,

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"documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness\" target='\"_blank\"'>About Zone Awareness</a> for more information.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "zoneAwarenessEnabled",
"fluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness\" target='\"_blank\"'>About Zone Awareness</a> for more information.</p>\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness\" target='\"_blank\"'>About Zone Awareness</a> for more information.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "zoneAwarenessEnabled",
"getterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness\" target='\"_blank\"'>About Zone Awareness</a> for more information.</p>\n@return A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness\" target='\"_blank\"'>About Zone Awareness</a> for more information.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ZoneAwarenessEnabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ZoneAwarenessEnabled",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,

```

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "ZoneAwarenessEnabled",
"sensitive" : false,
"setterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service-manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information.</p>\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service-manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information.",
"setterMethodName" : "setZoneAwarenessEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "zoneAwarenessEnabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "zoneAwarenessEnabled",
  "variableType" : "Boolean",
  "documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service-manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setInstanceType",
  "c2jName" : "InstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #instanceTypeAsString(String)}. \n@param instanceType a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #instanceType(String)",
  "deprecated" : false,

```



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"documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
"endpointDiscoveryId" : false,
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "instanceType",
"fluentEnumSetterMethodName" : "instanceType",
"fluentGetterMethodName" : "instanceTypeAsString",
"fluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType
The instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType\n@return Returns a reference to this
object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName" : "instanceType",
"getterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n<p>\nIf the service returns an
enum value that is not available in the current SDK version, { @link #instanceType } will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #instanceTypeAsString}.\n</p>\n@return The instance type for an Elasticsearch cluster.\n@see
ESPartitionInstanceType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceType",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"sensitive" : false,
"setterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType The

```

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instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType",
  "setterMethodName" : "setInstanceType",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "instanceType",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "instanceType",
    "variableType" : "String",
    "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getInstanceCount",
  "beanStyleSetterMethodName" : "setInstanceCount",
  "c2jName" : "InstanceCount",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #instanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The number of instances in the specified domain cluster.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceCount",
  "fluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param instanceCount The number of instances in the specified domain cluster.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "instanceCount",
  "getterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@return The number of instances in the specified domain cluster.",

```

```

"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "InstanceCount",
"sensitive" : false,
"setterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param
instanceCount The number of instances in the specified domain cluster.",
"setterMethodName" : "setInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : "<p>The number of instances in the specified domain cluster.</p>",

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    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDedicatedMasterEnabled",
  "beanStyleSetterMethodName" : "setDedicatedMasterEnabled",
  "c2jName" : "DedicatedMasterEnabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean.Builder#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #dedicatedMasterEnabled(Boolean)}. \n@param dedicatedMasterEnabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #dedicatedMasterEnabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "dedicatedMasterEnabled",
  "fluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "dedicatedMasterEnabled",
  "getterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.</p>\n@return A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.",
  "getterModel" : {
    "returnType" : "Boolean",

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"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DedicatedMasterEnabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DedicatedMasterEnabled",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "DedicatedMasterEnabled",
"sensitive" : false,
"setterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master Nodes</a> for more information.",
"setterMethodName" : "setDedicatedMasterEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "dedicatedMasterEnabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",

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    "variableName" : "dedicatedMasterEnabled",
    "variableType" : "Boolean",
    "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/guide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\"' target='\"_blank\"'>About Dedicated Master Nodes</a> for more information.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getZoneAwarenessEnabled",
  "beanStyleSetterMethodName" : "setZoneAwarenessEnabled",
  "c2jName" : "ZoneAwarenessEnabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/guide/es-manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #zoneAwarenessEnabled(Boolean)}. \n@param zoneAwarenessEnabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #zoneAwarenessEnabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/guide/es-manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "zoneAwarenessEnabled",
  "fluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/guide/es-manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information.</p>\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/guide/es-manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "zoneAwarenessEnabled",
  "getterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/guide/es-manageddomains.html#es-manageddomains-zoneawareness\"' target='\"_blank\"'>About Zone Awareness</a> for more information.</p>\n@return A boolean value to indicate whether zone awareness is enabled. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/guide/es-manageddomains.html#es-

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manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more information.",

```
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ZoneAwarenessEnabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ZoneAwarenessEnabled",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "ZoneAwarenessEnabled",
"sensitive" : false,
```

"setterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.",

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"setterMethodName" : "setZoneAwarenessEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "zoneAwarenessEnabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
```

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"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "zoneAwarenessEnabled",
  "variableType" : "Boolean",
  "documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-
manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness</a> for more information.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getZoneAwarenessConfig",
  "beanStyleSetterMethodName" : "setZoneAwarenessConfig",
  "c2jName" : "ZoneAwarenessConfig",
  "c2jShape" : "ZoneAwarenessConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the zone awareness configuration for a domain
when zone awareness is enabled.</p>\nThis is a convenience that creates an instance of the { @link
ZoneAwarenessConfig.Builder} avoiding the need to create one manually via { @link
ZoneAwarenessConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ZoneAwarenessConfig.Builder#build()} is called immediately and its result is passed to { @link
#zoneAwarenessConfig(ZoneAwarenessConfig)}. \n@param zoneAwarenessConfig a consumer that will call
methods on { @link ZoneAwarenessConfig.Builder} \n@return Returns a reference to this object so that method calls
can be chained together. \n@see #zoneAwarenessConfig(ZoneAwarenessConfig)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is
enabled.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "zoneAwarenessConfig",
  "fluentSetterDocumentation" : "<p>Specifies the zone awareness configuration for a domain when zone
awareness is enabled.</p>\n@param zoneAwarenessConfig Specifies the zone awareness configuration for a
domain when zone awareness is enabled. \n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "zoneAwarenessConfig",
  "getterDocumentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is
enabled.</p>\n@return Specifies the zone awareness configuration for a domain when zone awareness is enabled.",
  "getterModel" : {
    "returnType" : "ZoneAwarenessConfig",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,

```



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    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ZoneAwarenessConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ZoneAwarenessConfig",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "ZoneAwarenessConfig",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is
enabled.</p>\n@param zoneAwarenessConfig Specifies the zone awareness configuration for a domain when zone
awareness is enabled.",
  "setterMethodName" : "setZoneAwarenessConfig",
  "setterModel" : {
    "variableDeclarationType" : "ZoneAwarenessConfig",
    "variableName" : "zoneAwarenessConfig",
    "variableType" : "ZoneAwarenessConfig",
    "documentation" : null,
    "simpleType" : "ZoneAwarenessConfig",
    "variableSetterType" : "ZoneAwarenessConfig"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ZoneAwarenessConfig",
    "variableName" : "zoneAwarenessConfig",
    "variableType" : "ZoneAwarenessConfig",
    "documentation" : "<p>Specifies the zone awareness configuration for a domain when zone awareness is
enabled.</p>",
    "simpleType" : "ZoneAwarenessConfig",
    "variableSetterType" : "ZoneAwarenessConfig"
  },
  "xmlNamespaceUri" : null
}, {

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"beanStyleGetterMethodName" : "getDedicatedMasterTypeAsString",
"beanStyleSetterMethodName" : "setDedicatedMasterType",
"c2jName" : "DedicatedMasterType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #dedicatedMasterTypeAsString(String)}. \n@param
dedicatedMasterType a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to
this object so that method calls can be chained together.\n@see #dedicatedMasterType(String)",
"deprecated" : false,
"documentation" : "<p>The instance type for a dedicated master node.</p>",
"endpointDiscoveryId" : false,
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "dedicatedMasterType",
"fluentEnumSetterMethodName" : "dedicatedMasterType",
"fluentGetterMethodName" : "dedicatedMasterTypeAsString",
"fluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n@param
dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType\n@return
Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName" : "dedicatedMasterType",
"getterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #dedicatedMasterType} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #dedicatedMasterTypeAsString}. \n</p>\n@return The instance type for a dedicated master
node.\n@see ESPartitionInstanceType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DedicatedMasterType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DedicatedMasterType",
  "uri" : false
},

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DedicatedMasterType",
"sensitive" : false,
"setterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n@param
dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType",
"setterMethodName" : "setDedicatedMasterType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "dedicatedMasterType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "dedicatedMasterType",
  "variableType" : "String",
  "documentation" : "<p>The instance type for a dedicated master node.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDedicatedMasterCount",
  "beanStyleSetterMethodName" : "setDedicatedMasterCount",
  "c2jName" : "DedicatedMasterCount",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on
standby, for the cluster.</p>\nThis is a convenience that creates an instance of the {@link Integer.Builder} avoiding
the need to create one manually via {@link Integer#builder()}. \n\nWhen the {@link Consumer} completes, {@link
Integer.Builder#build()} is called immediately and its result is passed to {@link
#dedicatedMasterCount(Integer)}. \n@param dedicatedMasterCount a consumer that will call methods on {@link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#dedicatedMasterCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterCount",
"fluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for
the cluster.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "dedicatedMasterCount",
"getterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@return Total number of dedicated master nodes, active and on standby, for the cluster.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DedicatedMasterCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DedicatedMasterCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "DedicatedMasterCount",
"sensitive" : false,
"setterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for
the cluster.",
"setterMethodName" : "setDedicatedMasterCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "dedicatedMasterCount",

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    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "dedicatedMasterCount",
    "variableType" : "Integer",
    "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ElasticsearchClusterConfig",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"wrapper" : false
},
"ElasticsearchClusterConfigStatus" : {
  "c2jName" : "ElasticsearchClusterConfigStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Specifies the configuration status for the specified Elasticsearch domain.</p>",
  "endpointDiscovery" : null,

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"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
#options(ElasticsearchClusterConfig)}. \n@param options a consumer that will call methods on { @link
ElasticsearchClusterConfig.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(ElasticsearchClusterConfig)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@return Specifies the cluster configuration for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "ElasticsearchClusterConfig",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

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    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Options",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.",
  "setterMethodName" : "setOptions",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchClusterConfig",
    "variableName" : "options",
    "variableType" : "ElasticsearchClusterConfig",
    "documentation" : null,
    "simpleType" : "ElasticsearchClusterConfig",
    "variableSetterType" : "ElasticsearchClusterConfig"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchClusterConfig",
    "variableName" : "options",
    "variableType" : "ElasticsearchClusterConfig",
    "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
    "simpleType" : "ElasticsearchClusterConfig",
    "variableSetterType" : "ElasticsearchClusterConfig"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",

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"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder }
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer }
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the configuration for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,

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"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "ElasticsearchClusterConfig",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
#options(ElasticsearchClusterConfig)}. \n@param options a consumer that will call methods on { @link
ElasticsearchClusterConfig.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(ElasticsearchClusterConfig)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,

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    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "options",
    "getterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@return Specifies the cluster configuration for the specified Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "ElasticsearchClusterConfig",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Options",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Options",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Options",
    "sensitive" : false,
    "setterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.",
    "setterMethodName" : "setOptions",
    "setterModel" : {
        "variableDeclarationType" : "ElasticsearchClusterConfig",
        "variableName" : "options",
        "variableType" : "ElasticsearchClusterConfig",
        "documentation" : null,
        "simpleType" : "ElasticsearchClusterConfig",
        "variableSetterType" : "ElasticsearchClusterConfig"
    }

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    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "ElasticsearchClusterConfig",
        "variableName" : "options",
        "variableType" : "ElasticsearchClusterConfig",
        "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
        "simpleType" : "ElasticsearchClusterConfig",
        "variableSetterType" : "ElasticsearchClusterConfig"
    },
    "xmlNamespaceUri" : null
},
"Status" : {
    "beanStyleGetterMethodName" : "getStatus",
    "beanStyleSetterMethodName" : "setStatus",
    "c2jName" : "Status",
    "c2jShape" : "OptionStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "status",
    "fluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "status",
    "getterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>\n@return Specifies the status of the configuration for the specified Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "OptionStatus",
        "documentation" : null
    },
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch domain.",
  "setterMethodName" : "setStatus",
  "setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",

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"beanStyleSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
#options(ElasticsearchClusterConfig)}. \n@param options a consumer that will call methods on { @link
ElasticsearchClusterConfig.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(ElasticsearchClusterConfig)",
"deprecated" : false,
"documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@return Specifies the cluster configuration for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "options",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "options",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder}
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the configuration for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",

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    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "ElasticsearchClusterConfigStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfigStatus",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"wrapper" : false
},
"ElasticsearchDomainConfig" : {
  "c2jName" : "ElasticsearchDomainConfig",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The configuration of an Elasticsearch domain.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,

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"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchVersionStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchVersionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchVersionStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(ElasticsearchVersionStatus)}. \n@param elasticsearchVersion a consumer that will call
methods on { @link ElasticsearchVersionStatus.Builder}\n@return Returns a reference to this object so that method
calls can be chained together.\n@see #elasticsearchVersion(ElasticsearchVersionStatus)",
  "deprecated" : false,
  "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchVersion",
  "getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@return String of format X.Y to specify version for the Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "ElasticsearchVersionStatus",
    "documentation" : null
  },
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchVersion",
"sensitive" : false,
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchVersionStatus",
  "variableName" : "elasticsearchVersion",
  "variableType" : "ElasticsearchVersionStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchVersionStatus",
  "variableSetterType" : "ElasticsearchVersionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchVersionStatus",
  "variableName" : "elasticsearchVersion",
  "variableType" : "ElasticsearchVersionStatus",
  "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
  "simpleType" : "ElasticsearchVersionStatus",
  "variableSetterType" : "ElasticsearchVersionStatus"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfigStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code>
for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfigStatus.Builder} avoiding the need to create one manually via { @link

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ElasticsearchClusterConfigStatus#builder()).\n\nWhen the { @link Consumer} completes, { @link ElasticsearchClusterConfigStatus.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}.\n@param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfigStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)",

```

    "deprecated" : false,
    "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchClusterConfig",
    "fluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>\n@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "elasticsearchClusterConfig",
    "getterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>\n@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
    "getterModel" : {
      "returnType" : "ElasticsearchClusterConfigStatus",
      "documentation" : null
    },
    "http" : {
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      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "ElasticsearchClusterConfig",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "ElasticsearchClusterConfig",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>\n@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the
Elasticsearch domain.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>",
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptionsStatus.Builder}
avoiding the need to create one manually via { @link EBSOptionsStatus#builder()}.</p>\nWhen the { @link
Consumer} completes, { @link EBSOptionsStatus.Builder#build()} is called immediately and its result is passed to
{ @link #ebsOptions(EBSOptionsStatus)}.</p>\n@param ebsOptions a consumer that will call methods on { @link
EBSOptionsStatus.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained
together.</p>\n@see #ebsOptions(EBSOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,

```

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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "EBSOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EBSOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EBSOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptionsStatus",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptionsStatus",
  "documentation" : null,
  "simpleType" : "EBSOptionsStatus",
  "variableSetterType" : "EBSOptionsStatus"
}

```

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    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "EBSOptionsStatus",
        "variableName" : "ebsOptions",
        "variableType" : "EBSOptionsStatus",
        "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
        "simpleType" : "EBSOptionsStatus",
        "variableSetterType" : "EBSOptionsStatus"
    },
    "xmlNameSpaceUri" : null
}, {
    "beanStyleGetterMethodName" : "getAccessPolicies",
    "beanStyleSetterMethodName" : "setAccessPolicies",
    "c2jName" : "AccessPolicies",
    "c2jShape" : "AccessPoliciesStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the { @link AccessPoliciesStatus.Builder} avoiding the need to create one manually via { @link AccessPoliciesStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link AccessPoliciesStatus.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(AccessPoliciesStatus)}. \n\n@param accessPolicies a consumer that will call methods on { @link AccessPoliciesStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #accessPolicies(AccessPoliciesStatus)",
    "deprecated" : false,
    "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "accessPolicies",
    "fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "accessPolicies",
    "getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy as a JSON-formatted string.",
    "getterModel" : {
        "returnType" : "AccessPoliciesStatus",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,

```

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    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AccessPolicies",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AccessPolicies",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "AccessPolicies",
  "sensitive" : false,
  "setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
  "setterMethodName" : "setAccessPolicies",
  "setterModel" : {
    "variableDeclarationType" : "AccessPoliciesStatus",
    "variableName" : "accessPolicies",
    "variableType" : "AccessPoliciesStatus",
    "documentation" : null,
    "simpleType" : "AccessPoliciesStatus",
    "variableSetterType" : "AccessPoliciesStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "AccessPoliciesStatus",
    "variableName" : "accessPolicies",
    "variableType" : "AccessPoliciesStatus",
    "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
    "simpleType" : "AccessPoliciesStatus",
    "variableSetterType" : "AccessPoliciesStatus"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptionsStatus",

```

"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link SnapshotOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #snapshotOptions(SnapshotOptionsStatus)}. \n@param snapshotOptions a consumer that will call methods on { @link SnapshotOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #snapshotOptions(SnapshotOptionsStatus)",

"deprecated" : false,

"documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "snapshotOptions",

"fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "snapshotOptions",

"getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>\n@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.",

"getterModel" : {

"returnType" : "SnapshotOptionsStatus",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "SnapshotOptions",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "SnapshotOptions",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,


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"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : null,
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCDerivedInfoStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain.
For more information, see <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
vpc.html\"' target='\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\nThis is a
convenience that creates an instance of the { @link VPCDerivedInfoStatus.Builder} avoiding the need to create one
manually via { @link VPCDerivedInfoStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is passed to { @link
#vpcOptions(VPCDerivedInfoStatus)}. \n@param vpcOptions a consumer that will call methods on { @link
VPCDerivedInfoStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #vpcOptions(VPCDerivedInfoStatus)",
  "deprecated" : false,
  "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a
href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"'
target='\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "vpcOptions",
"getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@return The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
"getterModel" : {
  "returnType" : "VPCDerivedInfoStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",

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"sensitive" : false,
"setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
"variableDeclarationType" : "VPCDerivedInfoStatus",
"variableName" : "vpcOptions",
"variableType" : "VPCDerivedInfoStatus",
"documentation" : null,
"simpleType" : "VPCDerivedInfoStatus",
"variableSetterType" : "VPCDerivedInfoStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "VPCDerivedInfoStatus",
"variableName" : "vpcOptions",
"variableType" : "VPCDerivedInfoStatus",
"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
"simpleType" : "VPCDerivedInfoStatus",
"variableSetterType" : "VPCDerivedInfoStatus"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified
domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptionsStatus.Builder }
avoiding the need to create one manually via { @link CognitoOptionsStatus#builder() }. \n\nWhen the { @link
Consumer } completes, { @link CognitoOptionsStatus.Builder#build() } is called immediately and its result is passed
to { @link #cognitoOptions(CognitoOptionsStatus) }. \n@param cognitoOptions a consumer that will call methods on
{ @link CognitoOptionsStatus.Builder } \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #cognitoOptions(CognitoOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
"endpointDiscoveryId" : false,

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@return The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
"getterModel" : {
  "returnType" : "CognitoOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",

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"name" : "CognitoOptions",
"sensitive" : false,
"setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : null,
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",
  "c2jShape" : "EncryptionAtRestOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link EncryptionAtRestOptionsStatus.Builder} avoiding the need to create one manually via { @link EncryptionAtRestOptionsStatus#builder()}.</p>\nWhen the { @link Consumer} completes, { @link EncryptionAtRestOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)}.</p>\n@param encryptionAtRestOptions a consumer that will call methods on { @link EncryptionAtRestOptionsStatus.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the
Elasticsearch domain.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",

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    "variableType" : "EncryptionAtRestOptionsStatus",
    "documentation" : null,
    "simpleType" : "EncryptionAtRestOptionsStatus",
    "variableSetterType" : "EncryptionAtRestOptionsStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptionsStatus",
    "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
    "simpleType" : "EncryptionAtRestOptionsStatus",
    "variableSetterType" : "EncryptionAtRestOptionsStatus"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
  "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
  "c2jName" : "NodeToNodeEncryptionOptions",
  "c2jShape" : "NodeToNodeEncryptionOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that
creates an instance of the { @link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one
manually via { @link NodeToNodeEncryptionOptionsStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link NodeToNodeEncryptionOptionsStatus.Builder#build()} is called immediately and its result is
passed to { @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)}. \n@param
nodeToNodeEncryptionOptions a consumer that will call methods on { @link
NodeToNodeEncryptionOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can
be chained together. \n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
  "fluentSetterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain. \n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
  "getterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@return Specifies the <code>NodeToNodeEncryptionOptions</code> for the

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Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "NodeToNodeEncryptionOptionsStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NodeToNodeEncryptionOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "NodeToNodeEncryptionOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",
  "setterMethodName" : "setNodeToNodeEncryptionOptions",
  "setterModel" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptionsStatus",
    "documentation" : null,
    "simpleType" : "NodeToNodeEncryptionOptionsStatus",
    "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
    "variableName" : "nodeToNodeEncryptionOptions",

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    "variableType" : "NodeToNodeEncryptionOptionsStatus",
    "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
    "simpleType" : "NodeToNodeEncryptionOptionsStatus",
    "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the
domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced
Options</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link
AdvancedOptionsStatus.Builder} avoiding the need to create one manually via { @link
AdvancedOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(AdvancedOptionsStatus)}. \n@param advancedOptions a consumer that will call methods on
{ @link AdvancedOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #advancedOptions(AdvancedOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "advancedOptions",
  "fluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "advancedOptions",
  "getterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.</p>\n@return Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more

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information.",
  "getterModel" : {
    "returnType" : "AdvancedOptionsStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AdvancedOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AdvancedOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "AdvancedOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.",
  "setterMethodName" : "setAdvancedOptions",
  "setterModel" : {
    "variableDeclarationType" : "AdvancedOptionsStatus",
    "variableName" : "advancedOptions",
    "variableType" : "AdvancedOptionsStatus",
    "documentation" : null,
    "simpleType" : "AdvancedOptionsStatus",
    "variableSetterType" : "AdvancedOptionsStatus"
  },
  "simple" : false,

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"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AdvancedOptionsStatus",
  "variableName" : "advancedOptions",
  "variableType" : "AdvancedOptionsStatus",
  "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.</p>",
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getLogPublishingOptions",
  "beanStyleSetterMethodName" : "setLogPublishingOptions",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis
is a convenience that creates an instance of the { @link LogPublishingOptionsStatus.Builder} avoiding the need to
create one manually via { @link LogPublishingOptionsStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to
{ @link #logPublishingOptions(LogPublishingOptionsStatus)}. \n@param logPublishingOptions a consumer that
will call methods on { @link LogPublishingOptionsStatus.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #logPublishingOptions(LogPublishingOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "logPublishingOptions",
  "fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain. \n@return Returns a reference to this object so
that method calls can be chained together.",
  "fluentSetterMethodName" : "logPublishingOptions",
  "getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@return Log publishing
options for the given domain.",
  "getterModel" : {
    "returnType" : "LogPublishingOptionsStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "LogPublishingOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "LogPublishingOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "LogPublishingOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
  "setterMethodName" : "setLogPublishingOptions",
  "setterModel" : {
    "variableDeclarationType" : "LogPublishingOptionsStatus",
    "variableName" : "logPublishingOptions",
    "variableType" : "LogPublishingOptionsStatus",
    "documentation" : null,
    "simpleType" : "LogPublishingOptionsStatus",
    "variableSetterType" : "LogPublishingOptionsStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOptionsStatus",
    "variableName" : "logPublishingOptions",
    "variableType" : "LogPublishingOptionsStatus",
    "documentation" : "<p>Log publishing options for the given domain.</p>",
    "simpleType" : "LogPublishingOptionsStatus",
    "variableSetterType" : "LogPublishingOptionsStatus"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "AccessPolicies" : {
    "beanStyleGetterMethodName" : "getAccessPolicies",

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"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "AccessPoliciesStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link AccessPoliciesStatus.Builder} avoiding the
need to create one manually via { @link AccessPoliciesStatus.Builder}. \n\nWhen the { @link Consumer}
completes, { @link AccessPoliciesStatus.Builder#build()} is called immediately and its result is passed to { @link
#accessPolicies(AccessPoliciesStatus)}. \n@param accessPolicies a consumer that will call methods on { @link
AccessPoliciesStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #accessPolicies(AccessPoliciesStatus)",
"deprecated" : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string. \n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access
policy as a JSON-formatted string.",
"getterModel" : {
  "returnType" : "AccessPoliciesStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AccessPolicies",
"sensitive" : false,
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : null,
  "simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
  "simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"xmlNamespaceUri" : null
},
"AdvancedOptions" : {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the
domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced
Options</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link
AdvancedOptionsStatus.Builder} avoiding the need to create one manually via { @link
AdvancedOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(AdvancedOptionsStatus)}. \n@param advancedOptions a consumer that will call methods on
{ @link AdvancedOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #advancedOptions(AdvancedOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-

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createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.</p>\",
  \"endpointDiscoveryId\" : false,
  \"enumType\" : null,
  \"eventHeader\" : false,
  \"eventPayload\" : false,
  \"fluentEnumGetterMethodName\" : null,
  \"fluentEnumSetterMethodName\" : null,
  \"fluentGetterMethodName\" : \"advancedOptions\",
  \"fluentSetterDocumentation\" : \"<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\\\" target=\\\"_blank\\\">Configuring Advanced Options</a> for more
information.</p>\\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\\\" target=\\\"_blank\\\">Configuring Advanced Options</a> for more
information.\\n@return Returns a reference to this object so that method calls can be chained together.\",
  \"fluentSetterMethodName\" : \"advancedOptions\",
  \"getterDocumentation\" : \"<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\\\" target=\\\"_blank\\\">Configuring Advanced Options</a> for more
information.</p>\\n@return Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\\\" target=\\\"_blank\\\">Configuring Advanced Options</a> for more
information.\",
  \"getterModel\" : {
    \"returnType\" : \"AdvancedOptionsStatus\",
    \"documentation\" : null
  },
  \"http\" : {
    \"additionalMarshallingPath\" : null,
    \"additionalUnmarshallingPath\" : null,
    \"flattened\" : false,
    \"greedy\" : false,
    \"header\" : false,
    \"isPayload\" : false,
    \"isStreaming\" : false,
    \"location\" : null,
    \"marshallLocation\" : \"PAYLOAD\",
    \"marshallLocationName\" : \"AdvancedOptions\",
    \"queryString\" : false,
    \"statusCode\" : false,
    \"unmarshallLocationName\" : \"AdvancedOptions\",
    \"uri\" : false
  },
  \"idempotencyToken\" : false,
  \"isBinary\" : false,
  \"jsonValue\" : false,
  \"list\" : false,

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AdvancedOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service/latest/developer/guide/es-createupdateddomains.html#es-createdomain-configure-advanced-options\"' target='\"_blank\"'>Configuring Advanced Options</a> for more information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service/latest/developer/guide/es-createupdateddomains.html#es-createdomain-configure-advanced-options\"' target='\"_blank\"'>Configuring Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "AdvancedOptionsStatus",
  "variableName" : "advancedOptions",
  "variableType" : "AdvancedOptionsStatus",
  "documentation" : null,
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AdvancedOptionsStatus",
  "variableName" : "advancedOptions",
  "variableType" : "AdvancedOptionsStatus",
  "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service/latest/developer/guide/es-createupdateddomains.html#es-createdomain-configure-advanced-options\"' target='\"_blank\"'>Configuring Advanced Options</a> for more information.</p>",
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"
},
"xmlNamespaceUri" : null
},
"CognitoOptions" : {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service/latest/developer/guide/es-cognito-auth.html\"' target='\"_blank\"'>Amazon Cognito Authentication for Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptionsStatus.Builder} avoiding the need to create one manually via { @link CognitoOptionsStatus#builder()}.<br>\nWhen the { @link Consumer} completes, { @link CognitoOptionsStatus.Builder#build()} is called immediately and its result is passed

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to { @link #cognitoOptions(CognitoOptionsStatus) }. \n@param cognitoOptions a consumer that will call methods on { @link CognitoOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #cognitoOptions(CognitoOptionsStatus)",

"deprecated" : false,

"documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "cognitoOptions",

"fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p> \n@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "cognitoOptions",

"getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p> \n@return The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.",

"getterModel" : {
 "returnType" : "CognitoOptionsStatus",
 "documentation" : null

},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false

},

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    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "CognitoOptions",
    "sensitive" : false,
    "setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
    "setterMethodName" : "setCognitoOptions",
    "setterModel" : {
        "variableDeclarationType" : "CognitoOptionsStatus",
        "variableName" : "cognitoOptions",
        "variableType" : "CognitoOptionsStatus",
        "documentation" : null,
        "simpleType" : "CognitoOptionsStatus",
        "variableSetterType" : "CognitoOptionsStatus"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "CognitoOptionsStatus",
        "variableName" : "cognitoOptions",
        "variableType" : "CognitoOptionsStatus",
        "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
        "simpleType" : "CognitoOptionsStatus",
        "variableSetterType" : "CognitoOptionsStatus"
    },
    "xmlNamespaceUri" : null
},
"EBSOptions" : {
    "beanStyleGetterMethodName" : "getEbsOptions",
    "beanStyleSetterMethodName" : "setEbsOptions",
    "c2jName" : "EBSOptions",
    "c2jShape" : "EBSOptionsStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptionsStatus.Builder}
avoiding the need to create one manually via { @link EBSOptionsStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link EBSOptionsStatus.Builder#build()} is called immediately and its result is passed to

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{ @link #ebsOptions(EBSOptionsStatus)}.
@param ebsOptions a consumer that will call methods on { @link EBSOptionsStatus.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #ebsOptions(EBSOptionsStatus)",

```
"deprecated" : false,
"documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>\n@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "EBSOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EBSOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EBSOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"sensitive" : false,
```

```

"setterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptionsStatus",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptionsStatus",
  "documentation" : null,
  "simpleType" : "EBSOptionsStatus",
  "variableSetterType" : "EBSOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptionsStatus",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptionsStatus",
  "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
  "simpleType" : "EBSOptionsStatus",
  "variableSetterType" : "EBSOptionsStatus"
},
"xmlNamespaceUri" : null
},
"ElasticsearchClusterConfig" : {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfigStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code>
for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfigStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfigStatus#builder()}.</p>\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfigStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}.</p>\n@param elasticsearchClusterConfig a consumer
that will call methods on { @link ElasticsearchClusterConfigStatus.Builder}</p>\n@return Returns a reference to this
object so that method calls can be chained together.</p>\n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchClusterConfig",
  "fluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the

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Elasticsearch domain.

@param elasticsearchClusterConfig Specifies the `ElasticsearchClusterConfig` for the Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.

```
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>\n@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>\n@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
```

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"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>",
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNamespaceUri" : null
},
"ElasticsearchVersion" : {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchVersionStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchVersionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchVersionStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(ElasticsearchVersionStatus)}. \n@param elasticsearchVersion a consumer that will call
methods on { @link ElasticsearchVersionStatus.Builder}\n@return Returns a reference to this object so that method
calls can be chained together.\n@see #elasticsearchVersion(ElasticsearchVersionStatus)",
  "deprecated" : false,
  "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchVersion",
  "getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@return String of format X.Y to specify version for the Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "ElasticsearchVersionStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,

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    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchVersion",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "ElasticsearchVersion",
  "sensitive" : false,
  "setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.",
  "setterMethodName" : "setElasticsearchVersion",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchVersionStatus",
    "variableName" : "elasticsearchVersion",
    "variableType" : "ElasticsearchVersionStatus",
    "documentation" : null,
    "simpleType" : "ElasticsearchVersionStatus",
    "variableSetterType" : "ElasticsearchVersionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchVersionStatus",
    "variableName" : "elasticsearchVersion",
    "variableType" : "ElasticsearchVersionStatus",
    "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
    "simpleType" : "ElasticsearchVersionStatus",
    "variableSetterType" : "ElasticsearchVersionStatus"
  },
  "xmlNamespaceUri" : null
},
"EncryptionAtRestOptions" : {
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",

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"beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
"c2jName" : "EncryptionAtRestOptions",
"c2jShape" : "EncryptionAtRestOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code>
for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptionsStatus.Builder } avoiding the need to create one manually via { @link
EncryptionAtRestOptionsStatus#builder()}. \n\nWhen the { @link Consumer } completes, { @link
EncryptionAtRestOptionsStatus.Builder#build() } is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptionsStatus)}. \n@param encryptionAtRestOptions a consumer that
will call methods on { @link EncryptionAtRestOptionsStatus.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the
Elasticsearch domain.</p>\n@param encryptionAtRestOptions Specifies the
<code>EncryptionAtRestOptions</code> for the Elasticsearch domain. \n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the
Elasticsearch domain.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"xmlNamespaceUri" : null
},
"LogPublishingOptions" : {
  "beanStyleGetterMethodName" : "getLogPublishingOptions",
  "beanStyleSetterMethodName" : "setLogPublishingOptions",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis
is a convenience that creates an instance of the { @link LogPublishingOptionsStatus.Builder} avoiding the need to
create one manually via { @link LogPublishingOptionsStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to
{ @link #logPublishingOptions(LogPublishingOptionsStatus)}. \n@param logPublishingOptions a consumer that
will call methods on { @link LogPublishingOptionsStatus.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #logPublishingOptions(LogPublishingOptionsStatus)",
  "deprecated" : false,

```

```

"documentation" : "<p>Log publishing options for the given domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "logPublishingOptions",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "logPublishingOptions",
"getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@return Log publishing
options for the given domain.",
"getterModel" : {
  "returnType" : "LogPublishingOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LogPublishingOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LogPublishingOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "LogPublishingOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptions",
"setterModel" : {

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"variableDeclarationType" : "LogPublishingOptionsStatus",
"variableName" : "logPublishingOptions",
"variableType" : "LogPublishingOptionsStatus",
"documentation" : null,
"simpleType" : "LogPublishingOptionsStatus",
"variableSetterType" : "LogPublishingOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "LogPublishingOptionsStatus",
"variableName" : "logPublishingOptions",
"variableType" : "LogPublishingOptionsStatus",
"documentation" : "<p>Log publishing options for the given domain.</p>",
"simpleType" : "LogPublishingOptionsStatus",
"variableSetterType" : "LogPublishingOptionsStatus"
},
"xmlNamespaceUri" : null
},
"NodeToNodeEncryptionOptions" : {
"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that
creates an instance of the { @link NodeToNodeEncryptionOptionsStatus.Builder} avoiding the need to create one
manually via { @link NodeToNodeEncryptionOptionsStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link NodeToNodeEncryptionOptionsStatus.Builder#build()} is called immediately and its result is
passed to { @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)}. \n@param
nodeToNodeEncryptionOptions a consumer that will call methods on { @link
NodeToNodeEncryptionOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "nodeToNodeEncryptionOptions",

```

"getterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\n@return Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",

```
"getterModel" : {
  "returnType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NodeToNodeEncryptionOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"sensitive" : false,
```

"setterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",

```
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
```

```

    "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptionsStatus",
    "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
    "simpleType" : "NodeToNodeEncryptionOptionsStatus",
    "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
  },
  "xmlNamespaceUri" : null
},
"SnapshotOptions" : {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link
SnapshotOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptionsStatus)}. \n@param snapshotOptions a consumer that will call methods on
{ @link SnapshotOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #snapshotOptions(SnapshotOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "snapshotOptions",
  "fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "snapshotOptions",
  "getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "SnapshotOptionsStatus",
    "documentation" : null
  },
  },
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,

```

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    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "SnapshotOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "SnapshotOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "SnapshotOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.",
  "setterMethodName" : "setSnapshotOptions",
  "setterModel" : {
    "variableDeclarationType" : "SnapshotOptionsStatus",
    "variableName" : "snapshotOptions",
    "variableType" : "SnapshotOptionsStatus",
    "documentation" : null,
    "simpleType" : "SnapshotOptionsStatus",
    "variableSetterType" : "SnapshotOptionsStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "SnapshotOptionsStatus",
    "variableName" : "snapshotOptions",
    "variableType" : "SnapshotOptionsStatus",
    "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
    "simpleType" : "SnapshotOptionsStatus",
    "variableSetterType" : "SnapshotOptionsStatus"
  },
  "xmlNamespaceUri" : null
},
"VPCOptions" : {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",

```

```

    "c2jShape" : "VPCDerivedInfoStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified
domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service
Domains</a>.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfoStatus.Builder}
avoiding the need to create one manually via { @link VPCDerivedInfoStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is
passed to { @link #vpcOptions(VPCDerivedInfoStatus)}. \n@param vpcOptions a consumer that will call methods
on { @link VPCDerivedInfoStatus.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #vpcOptions(VPCDerivedInfoStatus)",
    "deprecated" : false,
    "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "vpcOptions",
    "fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\n@return Returns a reference to
this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "vpcOptions",
    "getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@return The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
    "getterModel" : {
        "returnType" : "VPCDerivedInfoStatus",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,

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    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "VPCOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "VPCOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "VPCOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
  "setterMethodName" : "setVpcOptions",
  "setterModel" : {
    "variableDeclarationType" : "VPCDerivedInfoStatus",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfoStatus",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfoStatus",
    "variableSetterType" : "VPCDerivedInfoStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "VPCDerivedInfoStatus",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfoStatus",
    "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
    "simpleType" : "VPCDerivedInfoStatus",
    "variableSetterType" : "VPCDerivedInfoStatus"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {

```



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"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchVersionStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchVersionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchVersionStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(ElasticsearchVersionStatus)}. \n@param elasticsearchVersion a consumer that will call
methods on { @link ElasticsearchVersionStatus.Builder}\n@return Returns a reference to this object so that method
calls can be chained together.\n@see #elasticsearchVersion(ElasticsearchVersionStatus)",
"deprecated" : false,
"documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@return String of format X.Y to specify version for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "ElasticsearchVersionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : false
},
"idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchVersion",
"sensitive" : false,
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchVersionStatus",
  "variableName" : "elasticsearchVersion",
  "variableType" : "ElasticsearchVersionStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchVersionStatus",
  "variableSetterType" : "ElasticsearchVersionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchVersionStatus",
  "variableName" : "elasticsearchVersion",
  "variableType" : "ElasticsearchVersionStatus",
  "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
  "simpleType" : "ElasticsearchVersionStatus",
  "variableSetterType" : "ElasticsearchVersionStatus"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfigStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code>
for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfigStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfigStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfigStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}. \n@param elasticsearchClusterConfig a consumer
that will call methods on { @link ElasticsearchClusterConfigStatus.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>",

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the
Elasticsearch domain.</p>\n@param elasticsearchClusterConfig Specifies the
<code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>\n@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the
Elasticsearch domain.",
"setterMethodName" : "setElasticsearchClusterConfig",

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"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>",
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptionsStatus.Builder}
avoiding the need to create one manually via { @link EBSOptionsStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link EBSOptionsStatus.Builder#build()} is called immediately and its result is passed to
{ @link #ebsOptions(EBSOptionsStatus)}. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #ebsOptions(EBSOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "ebsOptions",
  "fluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "ebsOptions",
  "getterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
  "getterModel" : {

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    "returnType" : "EBSOptionsStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EBSOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EBSOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "EBSOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
  "setterMethodName" : "setEbsOptions",
  "setterModel" : {
    "variableDeclarationType" : "EBSOptionsStatus",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptionsStatus",
    "documentation" : null,
    "simpleType" : "EBSOptionsStatus",
    "variableSetterType" : "EBSOptionsStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EBSOptionsStatus",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptionsStatus",
    "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
    "simpleType" : "EBSOptionsStatus",

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    "variableSetterType" : "EBSOptionsStatus"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "AccessPoliciesStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\nThis
is a convenience that creates an instance of the { @link AccessPoliciesStatus.Builder} avoiding the need to create
one manually via { @link AccessPoliciesStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
AccessPoliciesStatus.Builder#build()} is called immediately and its result is passed to { @link
#accessPolicies(AccessPoliciesStatus)}. \n@param accessPolicies a consumer that will call methods on { @link
AccessPoliciesStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #accessPolicies(AccessPoliciesStatus)",
  "deprecated" : false,
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "accessPolicies",
  "fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "accessPolicies",
  "getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
  "getterModel" : {
    "returnType" : "AccessPoliciesStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AccessPolicies",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AccessPolicies",

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    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "AccessPolicies",
  "sensitive" : false,
  "setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
  "setterMethodName" : "setAccessPolicies",
  "setterModel" : {
    "variableDeclarationType" : "AccessPoliciesStatus",
    "variableName" : "accessPolicies",
    "variableType" : "AccessPoliciesStatus",
    "documentation" : null,
    "simpleType" : "AccessPoliciesStatus",
    "variableSetterType" : "AccessPoliciesStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "AccessPoliciesStatus",
    "variableName" : "accessPolicies",
    "variableType" : "AccessPoliciesStatus",
    "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
    "simpleType" : "AccessPoliciesStatus",
    "variableSetterType" : "AccessPoliciesStatus"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link
SnapshotOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptionsStatus)}. \n@param snapshotOptions a consumer that will call methods on
{ @link SnapshotOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #snapshotOptions(SnapshotOptionsStatus)",
  "deprecated" : false,

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"documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>\n@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "SnapshotOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setSnapshotOptions",

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"setterModel" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : null,
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCDerivedInfoStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfoStatus.Builder} avoiding the need to create one manually via { @link VPCDerivedInfoStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is passed to { @link #vpcOptions(VPCDerivedInfoStatus)}. \n@param vpcOptions a consumer that will call methods on { @link VPCDerivedInfoStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #vpcOptions(VPCDerivedInfoStatus)",
  "deprecated" : false,
  "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "vpcOptions",
  "fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a

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href="\http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\n@return Returns a reference to
this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "vpcOptions",
    "getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@return The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
    "getterModel" : {
        "returnType" : "VPCDerivedInfoStatus",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "VPCOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "VPCOptions",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "VPCOptions",
    "sensitive" : false,
    "setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
    "setterMethodName" : "setVpcOptions",
    "setterModel" : {

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    "variableDeclarationType" : "VPCDerivedInfoStatus",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfoStatus",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfoStatus",
    "variableSetterType" : "VPCDerivedInfoStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "VPCDerivedInfoStatus",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfoStatus",
    "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
    "simpleType" : "VPCDerivedInfoStatus",
    "variableSetterType" : "VPCDerivedInfoStatus"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified
domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptionsStatus.Builder }
avoiding the need to create one manually via { @link CognitoOptionsStatus#builder() }. \n\nWhen the { @link
Consumer } completes, { @link CognitoOptionsStatus.Builder#build() } is called immediately and its result is passed
to { @link #cognitoOptions(CognitoOptionsStatus) }. \n@param cognitoOptions a consumer that will call methods on
{ @link CognitoOptionsStatus.Builder } \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #cognitoOptions(CognitoOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cognitoOptions",
  "fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions The

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`CognitoOptions` for the specified domain. For more information, see ["http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html"](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html) Amazon Cognito Authentication for Kibana.
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "cognitoOptions",

"getterDocumentation" : "<p>The `CognitoOptions` for the specified domain. For more information, see ["http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html"](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html) Amazon Cognito Authentication for Kibana.</p>\n@return The `CognitoOptions` for the specified domain. For more information, see ["http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html"](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html) Amazon Cognito Authentication for Kibana.",

"getterModel" : {
 "returnType" : "CognitoOptionsStatus",
 "documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "CognitoOptions",

"sensitive" : false,

"setterDocumentation" : "<p>The `CognitoOptions` for the specified domain. For more information, see ["http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html"](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html) Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The `CognitoOptions` for the specified domain. For more information, see ["http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html"](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html) Amazon Cognito Authentication for Kibana.",

"setterMethodName" : "setCognitoOptions",

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"setterModel" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : null,
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target='\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",
  "c2jShape" : "EncryptionAtRestOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link EncryptionAtRestOptionsStatus.Builder} avoiding the need to create one manually via { @link EncryptionAtRestOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link EncryptionAtRestOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)}. \n@param encryptionAtRestOptions a consumer that will call methods on { @link EncryptionAtRestOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "encryptionAtRestOptions",
  "fluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "encryptionAtRestOptions",

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"getterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the
Elasticsearch domain.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",

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    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptionsStatus",
    "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
    "simpleType" : "EncryptionAtRestOptionsStatus",
    "variableSetterType" : "EncryptionAtRestOptionsStatus"
  },
  "xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
  "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
  "c2jName" : "NodeToNodeEncryptionOptions",
  "c2jShape" : "NodeToNodeEncryptionOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that
creates an instance of the { @link NodeToNodeEncryptionOptionsStatus.Builder} avoiding the need to create one
manually via { @link NodeToNodeEncryptionOptionsStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link NodeToNodeEncryptionOptionsStatus.Builder#build()} is called immediately and its result is
passed to { @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)}. \n@param
nodeToNodeEncryptionOptions a consumer that will call methods on { @link
NodeToNodeEncryptionOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
  "fluentSetterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
  "getterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@return Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "NodeToNodeEncryptionOptionsStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NodeToNodeEncryptionOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "NodeToNodeEncryptionOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",
  "setterMethodName" : "setNodeToNodeEncryptionOptions",
  "setterModel" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptionsStatus",
    "documentation" : null,
    "simpleType" : "NodeToNodeEncryptionOptionsStatus",
    "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptionsStatus",
    "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
    "simpleType" : "NodeToNodeEncryptionOptionsStatus",
    "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAdvancedOptions",

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"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the
domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced
Options</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link
AdvancedOptionsStatus.Builder} avoiding the need to create one manually via { @link
AdvancedOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(AdvancedOptionsStatus)}. \n@param advancedOptions a consumer that will call methods on
{ @link AdvancedOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #advancedOptions(AdvancedOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "advancedOptions",
"getterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.</p>\n@return Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options</a> for more
information.",
"getterModel" : {
  "returnType" : "AdvancedOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AdvancedOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AdvancedOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "AdvancedOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"' target='\"_blank\">Configuring Advanced Options</a> for more information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"' target='\"_blank\">Configuring Advanced Options</a> for more information.",
  "setterMethodName" : "setAdvancedOptions",
  "setterModel" : {
    "variableDeclarationType" : "AdvancedOptionsStatus",
    "variableName" : "advancedOptions",
    "variableType" : "AdvancedOptionsStatus",
    "documentation" : null,
    "simpleType" : "AdvancedOptionsStatus",
    "variableSetterType" : "AdvancedOptionsStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "AdvancedOptionsStatus",
    "variableName" : "advancedOptions",
    "variableType" : "AdvancedOptionsStatus",
    "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"' target='\"_blank\">Configuring Advanced Options</a> for more information.</p>",

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    "simpleType" : "AdvancedOptionsStatus",
    "variableSetterType" : "AdvancedOptionsStatus"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getLogPublishingOptions",
  "beanStyleSetterMethodName" : "setLogPublishingOptions",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis
is a convenience that creates an instance of the { @link LogPublishingOptionsStatus.Builder} avoiding the need to
create one manually via { @link LogPublishingOptionsStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to
{ @link #logPublishingOptions(LogPublishingOptionsStatus)}. \n @param logPublishingOptions a consumer that
will call methods on { @link LogPublishingOptionsStatus.Builder} \n @return Returns a reference to this object so
that method calls can be chained together. \n @see #logPublishingOptions(LogPublishingOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "logPublishingOptions",
  "fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n @param
logPublishingOptions Log publishing options for the given domain. \n @return Returns a reference to this object so
that method calls can be chained together.",
  "fluentSetterMethodName" : "logPublishingOptions",
  "getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n @return Log publishing
options for the given domain.",
  "getterModel" : {
    "returnType" : "LogPublishingOptionsStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "LogPublishingOptions",
    "queryString" : false,
    "statusCode" : false,

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    "unmarshallLocationName" : "LogPublishingOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "LogPublishingOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
  "setterMethodName" : "setLogPublishingOptions",
  "setterModel" : {
    "variableDeclarationType" : "LogPublishingOptionsStatus",
    "variableName" : "logPublishingOptions",
    "variableType" : "LogPublishingOptionsStatus",
    "documentation" : null,
    "simpleType" : "LogPublishingOptionsStatus",
    "variableSetterType" : "LogPublishingOptionsStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOptionsStatus",
    "variableName" : "logPublishingOptions",
    "variableType" : "LogPublishingOptionsStatus",
    "documentation" : "<p>Log publishing options for the given domain.</p>",
    "simpleType" : "LogPublishingOptionsStatus",
    "variableSetterType" : "LogPublishingOptionsStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ElasticsearchDomainConfig",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "elasticsearchDomainConfig",

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"variableType" : "ElasticsearchDomainConfig",
"documentation" : null,
"simpleType" : "ElasticsearchDomainConfig",
"variableSetterType" : "ElasticsearchDomainConfig"
},
"wrapper" : false
},
"ElasticsearchDomainStatus" : {
"c2jName" : "ElasticsearchDomainStatus",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The current status of an Elasticsearch domain.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getDomainId",
"beanStyleSetterMethodName" : "setDomainId",
"c2jName" : "DomainId",
"c2jShape" : "DomainId",
"defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainId(String)}. \n@param domainId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainId(String)",
"deprecated" : false,
"documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,

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    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainId",
    "fluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param
domainId The unique identifier for the specified Elasticsearch domain.\n@return Returns a reference to this object
so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainId",
    "getterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@return The
unique identifier for the specified Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "DomainId",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "DomainId",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "DomainId",
    "sensitive" : false,
    "setterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param
domainId The unique identifier for the specified Elasticsearch domain.",
    "setterMethodName" : "setDomainId",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "domainId",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    }

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    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "domainId",
        "variableType" : "String",
        "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
}, {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",

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"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

```



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    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains
owned by an account within an AWS region. Domain names start with a letter or number and can contain the
following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch
domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for
more information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #arn(String)",
  "deprecated" : false,
  "documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for
more information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "arn",
  "fluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for
more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for
more information.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "arn",
  "getterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for
more information.</p>\n@return The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"

```

target="_blank">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"sensitive" : false,
```

```
"setterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href='\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"' target='_blank'>Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See <a href='\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"' target='_blank'>Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information."
```

```
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
```

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"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for
more information.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCreated",
  "beanStyleSetterMethodName" : "setCreated",
  "c2jName" : "Created",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the
creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in
progress.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #created(Boolean)}. \n@param
created a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #created(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch
domain is complete. <code>False</code> if domain creation is still in progress.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "created",
  "fluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "created",
  "getterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@return The
domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.",
  "getterModel" : {
    "returnType" : "Boolean",

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"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Created",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Created",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Created",
"sensitive" : false,
"setterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.",
"setterMethodName" : "setCreated",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "created",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "created",
  "variableType" : "Boolean",
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch

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domain is complete. <code>False</code> if domain creation is still in progress.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDeleted",
  "beanStyleSetterMethodName" : "setDeleted",
  "c2jName" : "Deleted",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a
delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the
domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer
returned.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #deleted(Boolean)}. \n@param
deleted a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #deleted(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received
for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted.
Once domain deletion is complete, the status of the domain is no longer returned.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "deleted",
  "fluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been
received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been
deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@param deleted
The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource
cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is
complete, the status of the domain is no longer returned.\n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "deleted",
  "getterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been
received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been
deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@return The
domain deletion status. <code>True</code> if a delete request has been received for the domain but resource
cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is
complete, the status of the domain is no longer returned.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Deleted",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Deleted",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Deleted",
"sensitive" : false,
"setterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@param deleted The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.",
"setterMethodName" : "setDeleted",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted."
}

```

Once domain deletion is complete, the status of the domain is no longer returned.</p>

```
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getEndpoint",
"beanStyleSetterMethodName" : "setEndpoint",
"c2jName" : "Endpoint",
"c2jShape" : "ServiceUrl",
"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit
index and search requests.</p>\nThis is a convenience that creates an instance of the { @link String.Builder }
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer } completes,
{ @link String.Builder#build() } is called immediately and its result is passed to { @link
#endpoint(String)}. \n@param endpoint a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #endpoint(String)",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoint",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search
requests. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "endpoint",
"getterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>\n@return The Elasticsearch domain endpoint that you use to submit index and search requests.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Endpoint",
"queryString" : false,
```

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    "statusCode" : false,
    "unmarshallLocationName" : "Endpoint",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Endpoint",
  "sensitive" : false,
  "setterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.",
  "setterMethodName" : "setEndpoint",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "endpoint",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "endpoint",
    "variableType" : "String",
    "documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEndpoints",
  "beanStyleSetterMethodName" : "setEndpoints",
  "c2jName" : "Endpoints",
  "c2jShape" : "EndpointsMap",
  "defaultConsumerFluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\nThis is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}.</p>\nWhen the { @link Consumer} completes, { @link

```



```

Map<String,String>.Builder#build()} is called immediately and its result is passed to {@link
#endpoints(Map<String,String>)}.\n@param endpoints a consumer that will call methods on {@link
Map<String,String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #endpoints(Map<String,String>)",
    "deprecated" : false,
    "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search
requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-
1.es.amazonaws.com'</code>.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "endpoints",
    "fluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index
and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the
Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>:
<code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.\n@return Returns
a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "endpoints",
    "getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and
search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-
east-1.es.amazonaws.com'</code>.</p>\n<p>\nAttempts to modify the collection returned by this method will result
in an UnsupportedOperationException.\n</p>\n@return Map containing the Elasticsearch domain endpoints used to
submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
    "getterModel" : {
        "returnType" : "java.util.Map<String,String>",
        "documentation" : null
    },
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Endpoints",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Endpoints",
        "uri" : false
    },
    },

```

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis

```

is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.
When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #value(String)}.
@param value a consumer that will call methods on {@link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #value(String)",

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.  
@param value The new value for the Value property for this object.  
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.  
@return The value of the Value property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
```

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"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Endpoints",
"sensitive" : false,
"setterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and
search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-
east-1.es.amazonaws.com'</code>.</p>\n\n@param endpoints Map containing the Elasticsearch domain endpoints
used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
"setterMethodName" : "setEndpoints",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {

```

```

    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "endpoints",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search
requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-
1.es.amazonaws.com'</code>.</p>",
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getProcessing",
  "beanStyleSetterMethodName" : "setProcessing",
  "c2jName" : "Processing",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration.
<code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if
the configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder }
avoiding the need to create one manually via { @link Boolean#builder() }. \n\nWhen the { @link Consumer }
completes, { @link Boolean.Builder#build() } is called immediately and its result is passed to { @link
#processing(Boolean)}. \n@param processing a consumer that will call methods on { @link
Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#processing(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon
Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "processing",
  "fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code>
if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "processing",
  "getterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.</p>\n@return The status of the Elasticsearch domain configuration. <code>True</code> if Amazon
Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Processing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Processing",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Processing",
"sensitive" : false,
"setterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
"setterMethodName" : "setProcessing",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "processing",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "processing",
  "variableType" : "Boolean",
  "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
  "simpleType" : "Boolean",

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    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpgradeProcessing",
  "beanStyleSetterMethodName" : "setUpgradeProcessing",
  "c2jName" : "UpgradeProcessing",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #upgradeProcessing(Boolean)}. \n@param upgradeProcessing a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #upgradeProcessing(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "upgradeProcessing",
  "fluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>\n@param upgradeProcessing The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "upgradeProcessing",
  "getterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>\n@return The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeProcessing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeProcessing",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"sensitive" : false,
"setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>\n@param upgradeProcessing The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
"setterMethodName" : "setUpgradeProcessing",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "upgradeProcessing",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "upgradeProcessing",
  "variableType" : "Boolean",
  "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",

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    "c2jName" : "ElasticsearchVersion",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#elasticsearchVersion(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchVersion",
    "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "elasticsearchVersion",
    "getterDocumentation" : "Returns the value of the ElasticsearchVersion property for this object.\n@return The
value of the ElasticsearchVersion property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ElasticsearchVersion",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ElasticsearchVersion",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,

```

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances in the domain
cluster.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder}
avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is
passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a
consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to
this object so that method calls can be chained together. \n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfig)",
  "deprecated" : false,
  "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,

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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster.\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@return The type
and number of instances in the domain cluster.",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"sensitive" : false,
"setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
}

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    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "ElasticsearchClusterConfig",
        "variableName" : "elasticsearchClusterConfig",
        "variableType" : "ElasticsearchClusterConfig",
        "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
        "simpleType" : "ElasticsearchClusterConfig",
        "variableSetterType" : "ElasticsearchClusterConfig"
    },
    "xmlNameSpaceUri" : null
}, {
    "beanStyleGetterMethodName" : "getEbsOptions",
    "beanStyleSetterMethodName" : "setEbsOptions",
    "c2jName" : "EBSOptions",
    "c2jShape" : "EBSOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions.Builder#builder()}.</p>\nWhen the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link #ebsOptions(EBSOptions)}.</p>\n@param ebsOptions a consumer that will call methods on { @link EBSOptions.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #ebsOptions(EBSOptions)",
    "deprecated" : false,
    "documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more information.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "ebsOptions",
    "fluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more information.</p>\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "ebsOptions",
    "getterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more

```

information.</p>\n@return The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.",

```
"getterModel" : {
  "returnType" : "EBSOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EBSOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EBSOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"sensitive" : false,
```

"setterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.",

```
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
```

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"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more information.</p>",
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param
accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #accessPolicies(String)",
  "deprecated" : false,
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "accessPolicies",
  "fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "accessPolicies",
  "getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

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    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AccessPolicies",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AccessPolicies",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "AccessPolicies",
  "sensitive" : false,
  "setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
  "setterMethodName" : "setAccessPolicies",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptions",

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"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>SnapshotOptions</code></p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@return
Specifies the status of the <code>SnapshotOptions</code>",
"getterModel" : {
  "returnType" : "SnapshotOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCDerivedInfo",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain.
For more information, see <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
vpc.html\"' target='\"_blank\"'>VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\nThis is a
convenience that creates an instance of the {@link VPCDerivedInfo.Builder} avoiding the need to create one
manually via {@link VPCDerivedInfo#builder()}. \n\nWhen the {@link Consumer} completes, {@link
VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to {@link
#vpcOptions(VPCDerivedInfo)}. \n@param vpcOptions a consumer that will call methods on {@link
VPCDerivedInfo.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #vpcOptions(VPCDerivedInfo)",
  "deprecated" : false,
  "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a
href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"'
target='\"_blank\"'>VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "vpcOptions",
"getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@return The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
"getterModel" : {
  "returnType" : "VPCDerivedInfo",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"sensitive" : false,

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"setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfo",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfo",
  "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}.</p>\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}.</p>\n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #cognitoOptions(CognitoOptions)",
  "deprecated" : false,
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@return The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
"getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",

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"sensitive" : false,
"setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptions)}. \n@param encryptionAtRestOptions a consumer that will
call methods on { @link EncryptionAtRestOptions.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@return Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
"getterModel" : {
  "returnType" : "EncryptionAtRestOptions",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",

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    "variableType" : "EncryptionAtRestOptions",
    "documentation" : null,
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
  "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
  "c2jName" : "NodeToNodeEncryptionOptions",
  "c2jShape" : "NodeToNodeEncryptionOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param nodeToNodeEncryptionOptions a
consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder} \n@return Returns a reference
to this object so that method calls can be chained together. \n@see
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
  "fluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>. \n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
  "getterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@return Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.",
  "getterModel" : {

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    "returnType" : "NodeToNodeEncryptionOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NodeToNodeEncryptionOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "NodeToNodeEncryptionOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.",
  "setterMethodName" : "setNodeToNodeEncryptionOptions",
  "setterModel" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : null,
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",

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    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #advancedOptions(Map<String,String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "advancedOptions",
  "fluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n@param
advancedOptions Specifies the status of the <code>AdvancedOptions</code>\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "advancedOptions",
  "getterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n<p>\nAttempts
to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return
Specifies the status of the <code>AdvancedOptions</code>",
  "getterModel" : {
    "returnType" : "java.util.Map<String,String>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AdvancedOptions",

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"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,

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    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Key",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {

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"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "value",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #value(String)}. \n@param value a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n@param
advancedOptions Specifies the status of the <code>AdvancedOptions</code>",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,

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"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
  "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the { @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}. \n@param logPublishingOptions a consumer that will call methods on { @link Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
  "deprecated" : false,
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "logPublishingOptions",
  "fluentEnumSetterMethodName" : "logPublishingOptions",
  "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
  "fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param logPublishingOptions Log publishing options for the given domain.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
  "getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Log publishing options for the given domain.",
  "getterModel" : {
    "returnType" : "java.util.Map<String,LogPublishingOption>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

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"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : "LogType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "key",
    "fluentEnumSetterMethodName" : "key",
    "fluentGetterMethodName" : "keyAsString",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link

```



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#keyAsString}.</p>\n@return The value of the Key property for this object.\n@see LogType",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Key",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",

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    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create
one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object. \n@return Returns a reference to this object so that method calls can
be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object. \n@return The value of the
Value property for this object.",
  "getterModel" : {
    "returnType" : "LogPublishingOption",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",

```

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    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Value",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
  "setterMethodName" : "setValue",
  "setterModel" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : null,
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : "",
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n\n@param
logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",

```

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"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a consumer that will call methods on { @link ServiceSoftwareOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
  "deprecated" : false,
  "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "serviceSoftwareOptions",
  "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch domain's service software. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "serviceSoftwareOptions",
  "getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@return The current status of the Elasticsearch domain's service software.",
  "getterModel" : {
    "returnType" : "ServiceSoftwareOptions",

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"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ServiceSoftwareOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ServiceSoftwareOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"sensitive" : false,
"setterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch domain's service software.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
}

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    },
    "xmlNamespaceUri" : null
  } ],
  "membersAsMap" : {
    "ARN" : {
      "beanStyleGetterMethodName" : "getArn",
      "beanStyleSetterMethodName" : "setArn",
      "c2jName" : "ARN",
      "c2jShape" : "ARN",
      "defaultConsumerFluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\" target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #arn(String)",
      "deprecated" : false,
      "documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\" target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "arn",
      "fluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\" target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\" target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information. \n@return Returns a reference to this object so that method calls can be chained together.",
      "fluentSetterMethodName" : "arn",
      "getterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\" target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@return The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\" target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.",
      "getterModel" : {
        "returnType" : "String",
        "documentation" : null
      }
    },
  },

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"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"sensitive" : false,
"setterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\\" target=\\"_blank\\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\\" target=\\"_blank\\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",

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    "documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href='\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\" target='\"_blank\"'>Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"AccessPolicies" : {
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #accessPolicies(String)",
  "deprecated" : false,
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "accessPolicies",
  "fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "accessPolicies",
  "getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy as a JSON-formatted string.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,

```



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    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AccessPolicies",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AccessPolicies",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "AccessPolicies",
  "sensitive" : false,
  "setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
  "setterMethodName" : "setAccessPolicies",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"AdvancedOptions" : {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link

```

Map<String,String>#builder()).\n\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)}.\n@param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #advancedOptions(Map<String,String>)",

```

    "deprecated" : false,
    "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "advancedOptions",
    "fluentSetterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>\n@param advancedOptions Specifies the status of the
<code>AdvancedOptions</code>\n@return Returns a reference to this object so that method calls can be chained
together.",
    "fluentSetterMethodName" : "advancedOptions",
    "getterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>\n<p>\nAttempts to modify the collection returned by this method will result
in an UnsupportedOperationException.\n</p>\n@return Specifies the status of the
<code>AdvancedOptions</code>",
    "getterModel" : {
        "returnType" : "java.util.Map<String,String>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "AdvancedOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "AdvancedOptions",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,

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"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,

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    "unmarshallLocationName" : "key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Key",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n\n@param value a
consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this object so that
method calls can be chained together. \n\n@see #value(String)",

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    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
    "setterMethodName" : "setValue",

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"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n@param
advancedOptions Specifies the status of the <code>AdvancedOptions</code>",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null

```

```

    },
    "CognitoOptions" : {
        "beanStyleGetterMethodName" : "getCognitoOptions",
        "beanStyleSetterMethodName" : "setCognitoOptions",
        "c2jName" : "CognitoOptions",
        "c2jShape" : "CognitoOptions",
        "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions.Builder}. \n\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #cognitoOptions(CognitoOptions)",
        "deprecated" : false,
        "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
        "endpointDiscoveryId" : false,
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "cognitoOptions",
        "fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.\n@return Returns a reference to this object so that method calls can be chained together.",
        "fluentSetterMethodName" : "cognitoOptions",
        "getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@return The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
        "getterModel" : {
            "returnType" : "CognitoOptions",
            "documentation" : null
        },
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
    }
}

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CognitoOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CognitoOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "CognitoOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
  "setterMethodName" : "setCognitoOptions",
  "setterModel" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "cognitoOptions",
    "variableType" : "CognitoOptions",
    "documentation" : null,
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "cognitoOptions",
    "variableType" : "CognitoOptions",
    "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  }

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    },
    "xmlNamespaceUri" : null
  },
  "Created" : {
    "beanStyleGetterMethodName" : "getCreated",
    "beanStyleSetterMethodName" : "setCreated",
    "c2jName" : "Created",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the
creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in
progress.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #created(Boolean)}. \n@param
created a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #created(Boolean)",
    "deprecated" : false,
    "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch
domain is complete. <code>False</code> if domain creation is still in progress.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "created",
    "fluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress. \n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "created",
    "getterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@return The
domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.",
    "getterModel" : {
      "returnType" : "Boolean",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
  }
}

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"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Created",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Created",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Created",
"sensitive" : false,
"setterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.",
"setterMethodName" : "setCreated",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "created",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "created",
  "variableType" : "Boolean",
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch
domain is complete. <code>False</code> if domain creation is still in progress.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"Deleted" : {
  "beanStyleGetterMethodName" : "getDeleted",
  "beanStyleSetterMethodName" : "setDeleted",
  "c2jName" : "Deleted",
  "c2jShape" : "Boolean",

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"defaultConsumerFluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #deleted(Boolean)}. \n@param deleted a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #deleted(Boolean)",

"deprecated" : false,

"documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "deleted",

"fluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@param deleted The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "deleted",

"getterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@return The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.",

"getModel" : {

"returnType" : "Boolean",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Deleted",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Deleted",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "Deleted",
  "sensitive" : false,
  "setterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been
received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been
deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@param deleted
The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource
cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is
complete, the status of the domain is no longer returned.",
  "setterMethodName" : "setDeleted",
  "setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "deleted",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "deleted",
    "variableType" : "Boolean",
    "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received
for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted.
Once domain deletion is complete, the status of the domain is no longer returned.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
},
"DomainId" : {
  "beanStyleGetterMethodName" : "getDomainId",
  "beanStyleSetterMethodName" : "setDomainId",
  "c2jName" : "DomainId",

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    "c2jShape" : "DomainId",
    "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainId(String)}. \n@param domainId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainId(String)",
    "deprecated" : false,
    "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainId",
    "fluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param domainId The unique identifier for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainId",
    "getterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@return The unique identifier for the specified Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "DomainId",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "DomainId",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,

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"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainId",
"sensitive" : false,
"setterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param
domainId The unique identifier for the specified Elasticsearch domain.",
"setterMethodName" : "setDomainId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainId",
  "variableType" : "String",
  "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"DomainName" : {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names
are unique across the domains owned by an account within an AWS region. Domain names start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\nThis is a convenience
that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link
String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will
call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains
owned by an account within an AWS region. Domain names start with a letter or number and can contain the
following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

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    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across
the domains owned by an account within an AWS region. Domain names start with a letter or number and can
contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an
Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region.
Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and -
(hyphen).\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the
domains owned by an account within an AWS region. Domain names start with a letter or number and can contain
the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of an Elasticsearch domain.
Domain names are unique across the domains owned by an account within an AWS region. Domain names start
with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "DomainName",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "DomainName",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "DomainName",
    "sensitive" : false,
    "setterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the
domains owned by an account within an AWS region. Domain names start with a letter or number and can contain
the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an

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Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",

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"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"EBSOptions" : {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-efs\" target=\"_blank\">Configuring EBS-based Storage</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link #efsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link EBSOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #efsOptions(EBSOptions)",
  "deprecated" : false,
  "documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-efs\" target=\"_blank\">Configuring EBS-based Storage</a> for more information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
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    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "ebsOptions",
    "fluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\"' target='\"_blank\"'>Configuring EBS-based Storage</a> for more information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\"' target='\"_blank\"'>Configuring EBS-based Storage</a> for more information.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "ebsOptions",
    "getterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\"' target='\"_blank\"'>Configuring EBS-based Storage</a> for more information.</p>\n@return The <code>EBSOptions</code> for the specified domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\"' target='\"_blank\"'>Configuring EBS-based Storage</a> for more information.",
    "getterModel" : {
        "returnType" : "EBSOptions",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "EBSOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "EBSOptions",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "EBSOptions",
    "sensitive" : false,
    "setterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a

```

href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs" target="_blank">Configuring EBS-based Storage for more information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.",

"setterMethodName" : "setEbsOptions",

"setterModel" : {

"variableDeclarationType" : "EBSOptions",

"variableName" : "ebsOptions",

"variableType" : "EBSOptions",

"documentation" : null,

"simpleType" : "EBSOptions",

"variableSetterType" : "EBSOptions"

},

"simple" : false,

"timestampFormat" : null,

"variable" : {

"variableDeclarationType" : "EBSOptions",

"variableName" : "ebsOptions",

"variableType" : "EBSOptions",

"documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.</p>",

"simpleType" : "EBSOptions",

"variableSetterType" : "EBSOptions"

},

"xmlNamespaceUri" : null

},

"ElasticsearchClusterConfig" : {

"beanStyleGetterMethodName" : "getElasticsearchClusterConfig",

"beanStyleSetterMethodName" : "setElasticsearchClusterConfig",

"c2jName" : "ElasticsearchClusterConfig",

"c2jShape" : "ElasticsearchClusterConfig",

"defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder } avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder() }. \n\nWhen the { @link Consumer } completes, { @link ElasticsearchClusterConfig.Builder#build() } is called immediately and its result is passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig) }. \n\n@param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder } \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see

#elasticsearchClusterConfig(ElasticsearchClusterConfig)",

"deprecated" : false,

"documentation" : "<p>The type and number of instances in the domain cluster.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

```

    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchClusterConfig",
    "fluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster.\n@return Returns a reference to
this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "elasticsearchClusterConfig",
    "getterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@return The type
and number of instances in the domain cluster.",
    "getterModel" : {
        "returnType" : "ElasticsearchClusterConfig",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ElasticsearchClusterConfig",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ElasticsearchClusterConfig",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "ElasticsearchClusterConfig",
    "sensitive" : false,
    "setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster.",
    "setterMethodName" : "setElasticsearchClusterConfig",
    "setterModel" : {
        "variableDeclarationType" : "ElasticsearchClusterConfig",
        "variableName" : "elasticsearchClusterConfig",
        "variableType" : "ElasticsearchClusterConfig",
        "documentation" : null,
        "simpleType" : "ElasticsearchClusterConfig",
        "variableSetterType" : "ElasticsearchClusterConfig"
    }

```

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    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "ElasticsearchClusterConfig",
        "variableName" : "elasticsearchClusterConfig",
        "variableType" : "ElasticsearchClusterConfig",
        "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
        "simpleType" : "ElasticsearchClusterConfig",
        "variableSetterType" : "ElasticsearchClusterConfig"
    },
    "xmlNamespaceUri" : null
},
"ElasticsearchVersion" : {
    "beanStyleGetterMethodName" : "getElasticsearchVersion",
    "beanStyleSetterMethodName" : "setElasticsearchVersion",
    "c2jName" : "ElasticsearchVersion",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchVersion(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchVersion",
    "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param elasticsearchVersion The new value for the ElasticsearchVersion property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "elasticsearchVersion",
    "getterDocumentation" : "Returns the value of the ElasticsearchVersion property for this object.\n@return The value of the ElasticsearchVersion property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

```

```

    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchVersion",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ElasticsearchVersion",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object.",
  "setterMethodName" : "setElasticsearchVersion",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"EncryptionAtRestOptions" : {
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",

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    "c2jName" : "EncryptionAtRestOptions",
    "c2jShape" : "EncryptionAtRestOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptions)}. \n@param encryptionAtRestOptions a consumer that will
call methods on { @link EncryptionAtRestOptions.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "encryptionAtRestOptions",
    "fluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>. \n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "encryptionAtRestOptions",
    "getterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@return Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
    "getterModel" : {
        "returnType" : "EncryptionAtRestOptions",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "EncryptionAtRestOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "EncryptionAtRestOptions",
        "uri" : false
    },
    "idempotencyToken" : false,

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    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "EncryptionAtRestOptions",
    "sensitive" : false,
    "setterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
    "setterMethodName" : "setEncryptionAtRestOptions",
    "setterModel" : {
        "variableDeclarationType" : "EncryptionAtRestOptions",
        "variableName" : "encryptionAtRestOptions",
        "variableType" : "EncryptionAtRestOptions",
        "documentation" : null,
        "simpleType" : "EncryptionAtRestOptions",
        "variableSetterType" : "EncryptionAtRestOptions"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "EncryptionAtRestOptions",
        "variableName" : "encryptionAtRestOptions",
        "variableType" : "EncryptionAtRestOptions",
        "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
        "simpleType" : "EncryptionAtRestOptions",
        "variableSetterType" : "EncryptionAtRestOptions"
    },
    "xmlNamespaceUri" : null
},
"Endpoint" : {
    "beanStyleGetterMethodName" : "getEndpoint",
    "beanStyleSetterMethodName" : "setEndpoint",
    "c2jName" : "Endpoint",
    "c2jShape" : "ServiceUrl",
    "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to
submit index and search requests.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#endpoint(String)}. \n@param endpoint a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #endpoint(String)",
    "deprecated" : false,
    "documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>",
    "endpointDiscoveryId" : false,

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoint",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and
search requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search
requests.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "endpoint",
"getterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>\n@return The Elasticsearch domain endpoint that you use to submit index and search requests.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Endpoint",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Endpoint",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Endpoint",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search
requests.",
"setterMethodName" : "setEndpoint",
"setterModel" : {
  "variableDeclarationType" : "String",

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    "variableName" : "endpoint",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "endpoint",
    "variableType" : "String",
    "documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"Endpoints" : {
  "beanStyleGetterMethodName" : "getEndpoints",
  "beanStyleSetterMethodName" : "setEndpoints",
  "c2jName" : "Endpoints",
  "c2jShape" : "EndpointsMap",
  "defaultConsumerFluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used
to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\nThis is a convenience that creates an
instance of the { @link Map<String,String>.Builder } avoiding the need to create one manually via { @link
Map<String,String>#builder() }. \n\nWhen the { @link Consumer } completes, { @link
Map<String,String>.Builder#build() } is called immediately and its result is passed to { @link
#endpoints(Map<String,String>)} . \n@param endpoints a consumer that will call methods on { @link
Map<String,String>.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #endpoints(Map<String,String>)",
  "deprecated" : false,
  "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search
requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-
1.es.amazonaws.com'</code>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "endpoints",
  "fluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index
and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the
Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>:"

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`'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'`.
Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "endpoints",

"getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",

"getterModel" : {

"returnType" : "java.util.Map<String,String>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Endpoints",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Endpoints",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : true,

"mapModel" : {

"implType" : "java.util.HashMap",

"interfaceType" : "java.util.Map",

"keyLocationName" : "key",

"keyModel" : {

"beanStyleGetterMethodName" : "getKey",

"beanStyleSetterMethodName" : "setKey",

"c2jName" : "key",

"c2jShape" : "String",

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}. \n\n@param key a consumer that will call methods on

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{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "key",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "key",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Key",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value

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for the Key property for this object.",

```
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
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Value property for this object.",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
```

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    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Endpoints",
"sensitive" : false,
"setterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
"setterMethodName" : "setEndpoints",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
},
"LogPublishingOptions" : {
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
  "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the { @link

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Consumer} completes, {@link Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to {@link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.\n@param logPublishingOptions a consumer that will call methods on {@link Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",

"deprecated" : false,

"documentation" : "<p>Log publishing options for the given domain.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : "logPublishingOptions",

"fluentEnumSetterMethodName" : "logPublishingOptions",

"fluentGetterMethodName" : "logPublishingOptionsAsStrings",

"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param

logPublishingOptions Log publishing options for the given domain.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "logPublishingOptionsWithStrings",

"getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Log publishing options for the given domain.",

"getterModel" : {

"returnType" : "java.util.Map<String,LogPublishingOption>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "LogPublishingOptions",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "LogPublishingOptions",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : true,

"mapModel" : {

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"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
  "beanStyleGetterMethodName" : "getKeyAsString",
  "beanStyleSetterMethodName" : "setKey",
  "c2jName" : "key",
  "c2jShape" : "LogType",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : "LogType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "key",
  "fluentEnumSetterMethodName" : "key",
  "fluentGetterMethodName" : "keyAsString",
  "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
  "fluentSetterMethodName" : "key",
  "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,

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    "unmarshallLocationName" : "key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Key",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the
need to create one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained

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together.\n@see #value(LogPublishingOption)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "LogPublishingOption",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",

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"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},

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    "xmlNamespaceUri" : null
  },
  "NodeToNodeEncryptionOptions" : {
    "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
    "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
    "c2jName" : "NodeToNodeEncryptionOptions",
    "c2jShape" : "NodeToNodeEncryptionOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param nodeToNodeEncryptionOptions a
consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder}\n@return Returns a reference
to this object so that method calls can be chained together.\n@see
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
    "fluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
    "getterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@return Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.",
    "getterModel" : {
      "returnType" : "NodeToNodeEncryptionOptions",
      "documentation" : null
    }
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NodeToNodeEncryptionOptions",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "NodeToNodeEncryptionOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.",
  "setterMethodName" : "setNodeToNodeEncryptionOptions",
  "setterModel" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : null,
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
  },
  "xmlNamespaceUri" : null
},
"Processing" : {
  "beanStyleGetterMethodName" : "getProcessing",
  "beanStyleSetterMethodName" : "setProcessing",
  "c2jName" : "Processing",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration.
<code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if
the configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder}
avoiding the need to create one manually via { @link Boolean#builder()}.</p>\nWhen the { @link Consumer}

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completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #processing(Boolean)}.
 @param processing a consumer that will call methods on { @link Boolean.Builder}
 @return Returns a reference to this object so that method calls can be chained together.
 @see #processing(Boolean)",

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    "deprecated" : false,
    "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "processing",
    "fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "processing",
    "getterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>\n@return The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
    "getterModel" : {
      "returnType" : "Boolean",
      "documentation" : null
    },
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "Processing",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "Processing",
      "uri" : false
    },
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
  
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Processing",
"sensitive" : false,
"setterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.",
"setterMethodName" : "setProcessing",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "processing",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "processing",
  "variableType" : "Boolean",
  "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon
Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"ServiceSoftwareOptions" : {
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service
software.</p>\nThis is a convenience that creates an instance of the {@link ServiceSoftwareOptions.Builder}
avoiding the need to create one manually via {@link ServiceSoftwareOptions.Builder}.\n\nWhen the {@link
Consumer} completes, {@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is
passed to {@link #serviceSoftwareOptions(ServiceSoftwareOptions)}.\n@param serviceSoftwareOptions a
consumer that will call methods on {@link ServiceSoftwareOptions.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
  "deprecated" : false,
  "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
  "endpointDiscoveryId" : false,

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service
software.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch domain's service
software.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@return
The current status of the Elasticsearch domain's service software.",
"getterModel" : {
  "returnType" : "ServiceSoftwareOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ServiceSoftwareOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ServiceSoftwareOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"sensitive" : false,
"setterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch domain's service software.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",

```



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"variableType" : "ServiceSoftwareOptions",
"documentation" : null,
"simpleType" : "ServiceSoftwareOptions",
"variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNamespaceUri" : null
},
"SnapshotOptions" : {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>SnapshotOptions</code></p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "snapshotOptions",
  "fluentSetterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "snapshotOptions",
  "getterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@return
Specifies the status of the <code>SnapshotOptions</code>",
  "getterModel" : {
    "returnType" : "SnapshotOptions",
    "documentation" : null

```

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    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "SnapshotOptions",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "SnapshotOptions",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "SnapshotOptions",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>",
    "setterMethodName" : "setSnapshotOptions",
    "setterModel" : {
      "variableDeclarationType" : "SnapshotOptions",
      "variableName" : "snapshotOptions",
      "variableType" : "SnapshotOptions",
      "documentation" : null,
      "simpleType" : "SnapshotOptions",
      "variableSetterType" : "SnapshotOptions"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "SnapshotOptions",
      "variableName" : "snapshotOptions",
      "variableType" : "SnapshotOptions",
      "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
      "simpleType" : "SnapshotOptions",
      "variableSetterType" : "SnapshotOptions"
    },
  },

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    "xmlNamespaceUri" : null
  },
  "UpgradeProcessing" : {
    "beanStyleGetterMethodName" : "getUpgradeProcessing",
    "beanStyleSetterMethodName" : "setUpgradeProcessing",
    "c2jName" : "UpgradeProcessing",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the
configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder}
avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link
#upgradeProcessing(Boolean)}. \n@param upgradeProcessing a consumer that will call methods on { @link
Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#upgradeProcessing(Boolean)",
    "deprecated" : false,
    "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "upgradeProcessing",
    "fluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the
configuration is active.</p>\n@param upgradeProcessing The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the
configuration is active. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "upgradeProcessing",
    "getterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>\n@return The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon
Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
    "getterModel" : {
      "returnType" : "Boolean",
      "documentation" : null
    }
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeProcessing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeProcessing",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"sensitive" : false,
"setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>\n@param upgradeProcessing The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the
configuration is active.",
"setterMethodName" : "setUpgradeProcessing",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "upgradeProcessing",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "upgradeProcessing",
  "variableType" : "Boolean",
  "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"VPCOptions" : {
  "beanStyleGetterMethodName" : "getVpcOptions",

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"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCDerivedInfo",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified
domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service
Domains</a>.</p>\nThis is a convenience that creates an instance of the {@link VPCDerivedInfo.Builder}
avoiding the need to create one manually via {@link VPCDerivedInfo#builder()}. \n\nWhen the {@link Consumer}
completes, {@link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to {@link
#vpcOptions(VPCDerivedInfo)}. \n@param vpcOptions a consumer that will call methods on {@link
VPCDerivedInfo.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #vpcOptions(VPCDerivedInfo)",
"deprecated" : false,
"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "vpcOptions",
"getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@return The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
"getterModel" : {
  "returnType" : "VPCDerivedInfo",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,

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    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "VPCOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "VPCOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "VPCOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
  "setterMethodName" : "setVpcOptions",
  "setterModel" : {
    "variableDeclarationType" : "VPCDerivedInfo",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfo",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "VPCDerivedInfo",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfo",
    "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
  },
  "xmlNamespaceUri" : null
}

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},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainId",
  "beanStyleSetterMethodName" : "setDomainId",
  "c2jName" : "DomainId",
  "c2jShape" : "DomainId",
  "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainId(String)}. \n@param domainId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainId(String)",
  "deprecated" : false,
  "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainId",
  "fluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param domainId The unique identifier for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainId",
  "getterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@return The unique identifier for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainId",
  "uri" : false
},
"idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainId",
"sensitive" : false,
"setterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param
domainId The unique identifier for the specified Elasticsearch domain.",
"setterMethodName" : "setDomainId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainId",
  "variableType" : "String",
  "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are
unique across the domains owned by an account within an AWS region. Domain names start with a letter or number
and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\nThis is a convenience that
creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link
String#builder()}. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called
immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will
call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains
owned by an account within an AWS region. Domain names start with a letter or number and can contain the
following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the
domains owned by an account within an AWS region. Domain names start with a letter or number and can contain
the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an
Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region.
Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and -
(hyphen).\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the
domains owned by an account within an AWS region. Domain names start with a letter or number and can contain
the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of an Elasticsearch domain.
Domain names are unique across the domains owned by an account within an AWS region. Domain names start
with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",

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"sensitive" : false,
"setterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\" target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #arn(String)",
  "deprecated" : false,
  "documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\" target=\"_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>",
  "endpointDiscoveryId" : false,

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href='\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"' target='\"_blank\"'>Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See <a href='\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"' target='\"_blank\"'>Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href='\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"' target='\"_blank\"'>Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@return The Amazon resource name (ARN) of an Elasticsearch domain. See <a href='\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"' target='\"_blank\"'>Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,

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"marshallingType" : "STRING",
"name" : "ARN",
"sensitive" : false,
"setterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\\" target=\\"_blank\\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\\" target=\\"_blank\\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\\" target=\\"_blank\\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCreated",
  "beanStyleSetterMethodName" : "setCreated",
  "c2jName" : "Created",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}.<br>\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #created(Boolean)}.<br>\n@param created a consumer that will call methods on { @link Boolean.Builder}<br>\n@return Returns a reference to this object so that method calls can be chained together.<br>\n@see #created(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>",

```

```

"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "created",
"fluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "created",
"getterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@return The
domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Created",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Created",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Created",
"sensitive" : false,
"setterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an

```

Elasticsearch domain is complete. `False` if domain creation is still in progress.

`@param` created The domain creation status. `True` if the creation of an Elasticsearch domain is complete. `False` if domain creation is still in progress.",

```

"setterMethodName" : "setCreated",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "created",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "created",
  "variableType" : "Boolean",
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch
domain is complete. <code>False</code> if domain creation is still in progress.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDeleted",
  "beanStyleSetterMethodName" : "setDeleted",
  "c2jName" : "Deleted",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a
delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the
domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer
returned.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #deleted(Boolean)}. \n@param
deleted a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #deleted(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received
for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted.
Once domain deletion is complete, the status of the domain is no longer returned.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "deleted",

```

"fluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@param deleted The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "deleted",

"getterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@return The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.",

"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null

},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Deleted",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Deleted",
 "uri" : false

},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Deleted",
"sensitive" : false,

"setterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@param deleted The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource

cleanup is still in progress. `False` if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.",

```
"setterMethodName" : "setDeleted",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
```

```
},
```

```
"simple" : true,
```

```
"timestampFormat" : null,
```

```
"variable" : {
```

```
  "variableDeclarationType" : "Boolean",
```

```
  "variableName" : "deleted",
```

```
  "variableType" : "Boolean",
```

"documentation" : "<p>The domain deletion status. `True` if a delete request has been received for the domain but resource cleanup is still in progress. `False` if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>",

```
  "simpleType" : "Boolean",
```

```
  "variableSetterType" : "Boolean"
```

```
},
```

```
"xmlNamespaceUri" : null
```

```
}, {
```

```
  "beanStyleGetterMethodName" : "getEndpoint",
```

```
  "beanStyleSetterMethodName" : "setEndpoint",
```

```
  "c2jName" : "Endpoint",
```

```
  "c2jShape" : "ServiceUrl",
```

"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #endpoint(String) }. \n\n@param endpoint a consumer that will call methods on { @link String.Builder } \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #endpoint(String)",

```
  "deprecated" : false,
```

"documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>",

```
  "endpointDiscoveryId" : false,
```

```
  "enumType" : null,
```

```
  "eventHeader" : false,
```

```
  "eventPayload" : false,
```

```
  "fluentEnumGetterMethodName" : null,
```

```
  "fluentEnumSetterMethodName" : null,
```

```
  "fluentGetterMethodName" : "endpoint",
```

"fluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>\n\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests. \n\n@return Returns a reference to this object so that method calls can be chained together.",


```

"fluentSetterMethodName" : "endpoint",
"getterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>\n@return The Elasticsearch domain endpoint that you use to submit index and search requests.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Endpoint",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Endpoint",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Endpoint",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.",
"setterMethodName" : "setEndpoint",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "endpoint",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

```

```

    "variableDeclarationType" : "String",
    "variableName" : "endpoint",
    "variableType" : "String",
    "documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEndpoints",
  "beanStyleSetterMethodName" : "setEndpoints",
  "c2jName" : "Endpoints",
  "c2jShape" : "EndpointsMap",
  "defaultConsumerFluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used
to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\nThis is a convenience that creates an
instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#endpoints(Map<String,String>)}. \n@param endpoints a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #endpoints(Map<String,String>)",
  "deprecated" : false,
  "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search
requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-
1.es.amazonaws.com'</code>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "endpoints",
  "fluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index
and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the
Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>:
<code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>. \n@return Returns
a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "endpoints",
  "getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and
search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-
east-1.es.amazonaws.com'</code>.</p>\n<p>\nAttempts to modify the collection returned by this method will result
in an UnsupportedOperationException. \n</p>\n@return Map containing the Elasticsearch domain endpoints used to
submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
  "getterModel" : {

```

```

"returnType" : "java.util.Map<String,String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Endpoints",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Endpoints",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKey",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,

```

```

    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the Key property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "key",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "key",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Key",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.",
    "setterMethodName" : "setKey",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "key",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },

```

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"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #value(String)}. \n@param value a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the Value property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

```

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    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Value",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
  "setterMethodName" : "setValue",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",

```

```

"name" : "Endpoints",
"sensitive" : false,
"setterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
"setterMethodName" : "setEndpoints",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getProcessing",
  "beanStyleSetterMethodName" : "setProcessing",
  "c2jName" : "Processing",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #processing(Boolean)}. \n@param processing a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #processing(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

```

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "processing",
"fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code>
if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "processing",
"getterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.</p>\n@return The status of the Elasticsearch domain configuration. <code>True</code> if Amazon
Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Processing",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Processing",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Processing",
"sensitive" : false,
"setterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is

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active.",
  "setterMethodName" : "setProcessing",
  "setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "processing",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "processing",
    "variableType" : "Boolean",
    "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon
Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpgradeProcessing",
  "beanStyleSetterMethodName" : "setUpgradeProcessing",
  "c2jName" : "UpgradeProcessing",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the
configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder }
avoiding the need to create one manually via { @link Boolean#builder() }. \n\nWhen the { @link Consumer }
completes, { @link Boolean.Builder#build() } is called immediately and its result is passed to { @link
#upgradeProcessing(Boolean) }. \n@param upgradeProcessing a consumer that will call methods on { @link
Boolean.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#upgradeProcessing(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon
Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "upgradeProcessing",
  "fluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code>
if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>\n@param upgradeProcessing The status of an Elasticsearch domain version upgrade.

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<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the
configuration is active.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "upgradeProcessing",
  "getterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>\n@return The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon
Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeProcessing",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeProcessing",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "UpgradeProcessing",
  "sensitive" : false,
  "setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>\n@param upgradeProcessing The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the
configuration is active.",
  "setterMethodName" : "setUpgradeProcessing",
  "setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "upgradeProcessing",
    "variableType" : "Boolean",
    "documentation" : null,

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    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "upgradeProcessing",
    "variableType" : "Boolean",
    "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchVersion(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param elasticsearchVersion The new value for the ElasticsearchVersion property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchVersion",
  "getterDocumentation" : "Returns the value of the ElasticsearchVersion property for this object.\n@return The value of the ElasticsearchVersion property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
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"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {

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"beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
"beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances in the domain
cluster.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder}
avoiding the need to create one manually via { @link ElasticsearchClusterConfig.Builder}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is
passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a
consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to
this object so that method calls can be chained together. \n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfig)",
"deprecated" : false,
"documentation" : "<p>The type and number of instances in the domain cluster.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster. \n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@return The type
and number of instances in the domain cluster.",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"sensitive" : false,
"setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain.
See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomain-configure-eb\" target=\"_blank\">Configuring EBS-based Storage</a>
for more information.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder}
avoiding the need to create one manually via { @link EBSOptions#builder()}.<n>\nWhen the { @link Consumer}
completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions)}.<n>\n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder}<n>\n@return Returns a reference to this object so that method calls can be chained
together.<n>\n@see #ebsOptions(EBSOptions)",
  "deprecated" : false,
  "documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-

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createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more information.</p>\",
  \"endpointDiscoveryId\" : false,
  \"enumType\" : null,
  \"eventHeader\" : false,
  \"eventPayload\" : false,
  \"fluentEnumGetterMethodName\" : null,
  \"fluentEnumSetterMethodName\" : null,
  \"fluentGetterMethodName\" : \"ebsOptions\",
  \"fluentSetterDocumentation\" : \"<p>The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more
information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more
information.\n@return Returns a reference to this object so that method calls can be chained together.\",
  \"fluentSetterMethodName\" : \"ebsOptions\",
  \"getterDocumentation\" : \"<p>The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more
information.</p>\n@return The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a> for more information.\",
  \"getterModel\" : {
    \"returnType\" : \"EBSOptions\",
    \"documentation\" : null
  },
  \"http\" : {
    \"additionalMarshallingPath\" : null,
    \"additionalUnmarshallingPath\" : null,
    \"flattened\" : false,
    \"greedy\" : false,
    \"header\" : false,
    \"isPayload\" : false,
    \"isStreaming\" : false,
    \"location\" : null,
    \"marshallLocation\" : \"PAYLOAD\",
    \"marshallLocationName\" : \"EBSOptions\",
    \"queryString\" : false,
    \"statusCode\" : false,
    \"unmarshallLocationName\" : \"EBSOptions\",
    \"uri\" : false
  },
  \"idempotencyToken\" : false,
  \"isBinary\" : false,
  \"jsonValue\" : false,
  \"list\" : false,
  \"listModel\" : null,
  \"map\" : false,

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"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"sensitive" : false,
"setterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\"' target='\"_blank\"'>Configuring EBS-based Storage</a> for more information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\"' target='\"_blank\"'>Configuring EBS-based Storage</a> for more information.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\"' target='\"_blank\"'>Configuring EBS-based Storage</a> for more information.</p>",
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #accessPolicies(String)",
  "deprecated" : false,
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"sensitive" : false,
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,

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    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>SnapshotOptions</code></p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "snapshotOptions",
  "fluentSetterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "snapshotOptions",
  "getterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@return
Specifies the status of the <code>SnapshotOptions</code>",
  "getterModel" : {
    "returnType" : "SnapshotOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,

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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "SnapshotOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "SnapshotOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "SnapshotOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>",
  "setterMethodName" : "setSnapshotOptions",
  "setterModel" : {
    "variableDeclarationType" : "SnapshotOptions",
    "variableName" : "snapshotOptions",
    "variableType" : "SnapshotOptions",
    "documentation" : null,
    "simpleType" : "SnapshotOptions",
    "variableSetterType" : "SnapshotOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "SnapshotOptions",
    "variableName" : "snapshotOptions",
    "variableType" : "SnapshotOptions",
    "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
    "simpleType" : "SnapshotOptions",
    "variableSetterType" : "SnapshotOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getVpcOptions",

```

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"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCDerivedInfo",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain.
For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\nThis is a
convenience that creates an instance of the { @link VPCDerivedInfo.Builder} avoiding the need to create one
manually via { @link VPCDerivedInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link
VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link
#vpcOptions(VPCDerivedInfo)}. \n@param vpcOptions a consumer that will call methods on { @link
VPCDerivedInfo.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #vpcOptions(VPCDerivedInfo)",
"deprecated" : false,
"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "vpcOptions",
"getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@return The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
"getterModel" : {
  "returnType" : "VPCDerivedInfo",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,

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    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "VPCOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "VPCOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "VPCOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
  "setterMethodName" : "setVpcOptions",
  "setterModel" : {
    "variableDeclarationType" : "VPCDerivedInfo",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfo",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "VPCDerivedInfo",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfo",
    "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
  },
  "xmlNamespaceUri" : null
}, {

```

```

"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified
domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding
the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link
CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #cognitoOptions(CognitoOptions)",
"deprecated" : false,
"documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>. \n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@return The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
"getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,

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    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CognitoOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CognitoOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "CognitoOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
  "setterMethodName" : "setCognitoOptions",
  "setterModel" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "cognitoOptions",
    "variableType" : "CognitoOptions",
    "documentation" : null,
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "cognitoOptions",
    "variableType" : "CognitoOptions",
    "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "xmlNamespaceUri" : null

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}, {
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptions)}. \n@param encryptionAtRestOptions a consumer that will
call methods on { @link EncryptionAtRestOptions.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "encryptionAtRestOptions",
  "fluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>. \n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "encryptionAtRestOptions",
  "getterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@return Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
  "getterModel" : {
    "returnType" : "EncryptionAtRestOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EncryptionAtRestOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EncryptionAtRestOptions",

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    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "EncryptionAtRestOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
  "setterMethodName" : "setEncryptionAtRestOptions",
  "setterModel" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : null,
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
  "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
  "c2jName" : "NodeToNodeEncryptionOptions",
  "c2jShape" : "NodeToNodeEncryptionOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param nodeToNodeEncryptionOptions a
consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder} \n@return Returns a reference
to this object so that method calls can be chained together. \n@see

```

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#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
  "fluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.\n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
  "getterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@return Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.",
  "getterModel" : {
    "returnType" : "NodeToNodeEncryptionOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NodeToNodeEncryptionOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "NodeToNodeEncryptionOptions",
  "sensitive" : false,

```

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"setterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
"variableDeclarationType" : "NodeToNodeEncryptionOptions",
"variableName" : "nodeToNodeEncryptionOptions",
"variableType" : "NodeToNodeEncryptionOptions",
"documentation" : null,
"simpleType" : "NodeToNodeEncryptionOptions",
"variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "NodeToNodeEncryptionOptions",
"variableName" : "nodeToNodeEncryptionOptions",
"variableType" : "NodeToNodeEncryptionOptions",
"documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
"simpleType" : "NodeToNodeEncryptionOptions",
"variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getAdvancedOptions",
"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link
Map<String,String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #advancedOptions(Map<String,String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n@param
advancedOptions Specifies the status of the <code>AdvancedOptions</code>\n@return Returns a reference to this
object so that method calls can be chained together.",

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    "fluentSetterMethodName" : "advancedOptions",
    "getterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n<p>\nAttempts
to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
Specifies the status of the <code>AdvancedOptions</code>",
    "getterModel" : {
        "returnType" : "java.util.Map<String,String>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "AdvancedOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "AdvancedOptions",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : true,
    "mapModel" : {
        "implType" : "java.util.HashMap",
        "interfaceType" : "java.util.Map",
        "keyLocationName" : "key",
        "keyModel" : {
            "beanStyleGetterMethodName" : "getKey",
            "beanStyleSetterMethodName" : "setKey",
            "c2jName" : "key",
            "c2jShape" : "String",
            "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #key(String)",
            "deprecated" : false,
            "documentation" : "",
            "endpointDiscoveryId" : false,

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",

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    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the Value property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},

```

```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

```

```

    },
    "entryType" : "Map.Entry<String, String>",
    "templateType" : "java.util.Map<String,String>"
  },
  "marshallingType" : "MAP",
  "name" : "AdvancedOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n@param
advancedOptions Specifies the status of the <code>AdvancedOptions</code>",
  "setterMethodName" : "setAdvancedOptions",
  "setterModel" : {
    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "advancedOptions",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : null,
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "advancedOptions",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
  "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis
is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder} avoiding the
need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately and its
result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}. \n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
  "deprecated" : false,
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

```



```

"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Log
publishing options for the given domain.",
"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LogPublishingOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LogPublishingOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called

```

immediately and its result is passed to { @link #keyAsString(String)}.
@param key a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #key(String)",

```
"deprecated" : false,  
"documentation" : "",  
"endpointDiscoveryId" : false,  
"enumType" : "LogType",  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : "key",  
"fluentEnumSetterMethodName" : "key",  
"fluentGetterMethodName" : "keyAsString",
```

"fluentSetterDocumentation" : "Sets the value of the Key property for this object.
@param key The new value for the Key property for this object.
@see LogType
@return Returns a reference to this object so that method calls can be chained together.
@see LogType",

```
"fluentSetterMethodName" : "key",
```

"getterDocumentation" : "Returns the value of the Key property for this object.
If the service returns an enum value that is not available in the current SDK version, { @link #key } will return { @link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #keyAsString}.
@return The value of the Key property for this object.
@see LogType",

```
"getterModel" : {  
  "returnType" : "String",  
  "documentation" : null  
},
```

```
"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "key",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "key",  
  "uri" : false  
},
```

```
"idempotencyToken" : false,  
"isBinary" : false,  
"jsonValue" : false,  
"list" : false,  
"listModel" : null,  
"map" : false,  
"mapModel" : null,  
"marshallingType" : "STRING",
```

```

    "name" : "Key",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
    "setterMethodName" : "setKey",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "key",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "key",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
    "beanStyleGetterMethodName" : "getValue",
    "beanStyleSetterMethodName" : "setValue",
    "c2jName" : "value",
    "c2jShape" : "LogPublishingOption",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link LogPublishingOption.Builder} avoiding the need to create
one manually via {@link LogPublishingOption#builder()}. \n\nWhen the {@link Consumer} completes, {@link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to {@link
#value(LogPublishingOption)}. \n\n@param value a consumer that will call methods on {@link
LogPublishingOption.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #value(LogPublishingOption)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The

```

new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
```

```

"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service
software.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder}
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is
passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a

```

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consumer that will call methods on { @link ServiceSoftwareOptions.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
  "deprecated" : false,
  "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "serviceSoftwareOptions",
  "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service
software.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch domain's service
software.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "serviceSoftwareOptions",
  "getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@return
The current status of the Elasticsearch domain's service software.",
  "getterModel" : {
    "returnType" : "ServiceSoftwareOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ServiceSoftwareOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ServiceSoftwareOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "ServiceSoftwareOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@param

```

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serviceSoftwareOptions The current status of the Elasticsearch domain's service software.",
  "setterMethodName" : "setServiceSoftwareOptions",
  "setterModel" : {
    "variableDeclarationType" : "ServiceSoftwareOptions",
    "variableName" : "serviceSoftwareOptions",
    "variableType" : "ServiceSoftwareOptions",
    "documentation" : null,
    "simpleType" : "ServiceSoftwareOptions",
    "variableSetterType" : "ServiceSoftwareOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ServiceSoftwareOptions",
    "variableName" : "serviceSoftwareOptions",
    "variableType" : "ServiceSoftwareOptions",
    "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
    "simpleType" : "ServiceSoftwareOptions",
    "variableSetterType" : "ServiceSoftwareOptions"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainId", "DomainName", "ARN", "ElasticsearchClusterConfig" ],
"shapeName" : "ElasticsearchDomainStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "elasticsearchDomainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"wrapper" : false
},
"ElasticsearchVersionStatus" : {
  "c2jName" : "ElasticsearchVersionStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,

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"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> Status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #options(String)}. \n@param options
a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #options(String)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@return Specifies the Elasticsearch version for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,

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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Options",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.",
  "setterMethodName" : "setOptions",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",

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"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options
for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch
domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,

```

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch
domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #options(String)}. \n@param options
a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #options(String)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@return Specifies the Elasticsearch version for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "String",

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    "variableName" : "options",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options
for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch
domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
  "getterModel" : {

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    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
  "setterMethodName" : "setStatus",
  "setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified

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Elasticsearch domain.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #options(String)}. \n@param options
a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #options(String)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@return Specifies the Elasticsearch version for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
}
,"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Options",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.",
  "setterMethodName" : "setOptions",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder } avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer } completes, { @link OptionStatus.Builder#build() } is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained

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together.\n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch
domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",
  "sensitive" : false,

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"setterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch
domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "ElasticsearchVersionStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ElasticsearchVersionStatus",
  "variableName" : "elasticsearchVersionStatus",
  "variableType" : "ElasticsearchVersionStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchVersionStatus",
  "variableSetterType" : "ElasticsearchVersionStatus"
},
"wrapper" : false
},
"EncryptionAtRestOptions" : {
  "c2jName" : "EncryptionAtRestOptions",
  "customization" : {
    "artificialResultWrapper" : null,

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"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
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"deprecated" : false,
"documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At
Rest.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #enabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest.\n@return Returns a reference to this object so that method calls
can be chained together.",
  "fluentSetterMethodName" : "enabled",
  "getterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@return Specifies the
option to enable Encryption At Rest.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null

```

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    },
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        "additionalUnmarshallingPath" : null,
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        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Enabled",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Enabled",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "BOOLEAN",
    "name" : "Enabled",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest.",
    "setterMethodName" : "setEnabled",
    "setterModel" : {
        "variableDeclarationType" : "Boolean",
        "variableName" : "enabled",
        "variableType" : "Boolean",
        "documentation" : null,
        "simpleType" : "Boolean",
        "variableSetterType" : "Boolean"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "Boolean",
        "variableName" : "enabled",
        "variableType" : "Boolean",
        "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
        "simpleType" : "Boolean",
        "variableSetterType" : "Boolean"
    },
    },

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"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getKmsKeyId",
  "beanStyleSetterMethodName" : "setKmsKeyId",
  "c2jName" : "KmsKeyId",
  "c2jShape" : "KmsKeyId",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #kmsKeyId(String)}. \n@param kmsKeyId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #kmsKeyId(String)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "kmsKeyId",
  "fluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "kmsKeyId",
  "getterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@return Specifies the KMS Key ID for Encryption At Rest options.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
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    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "KmsKeyId",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "KmsKeyId",
    "uri" : false
  },
  "idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "KmsKeyId",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.",
"setterMethodName" : "setKmsKeyId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Enabled" : {
    "beanStyleGetterMethodName" : "getEnabled",
    "beanStyleSetterMethodName" : "setEnabled",
    "c2jName" : "Enabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At
Rest.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #enabled(Boolean)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest.\n@return Returns a reference to this object so that method calls
can be chained together.",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@return Specifies the
option to enable Encryption At Rest.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Enabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Enabled",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest.",
"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",

```

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    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
},
"KmsKeyId" : {
  "beanStyleGetterMethodName" : "getKmsKeyId",
  "beanStyleSetterMethodName" : "setKmsKeyId",
  "c2jName" : "KmsKeyId",
  "c2jShape" : "KmsKeyId",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #kmsKeyId(String)}. \n@param kmsKeyId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #kmsKeyId(String)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "kmsKeyId",
  "fluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "kmsKeyId",
  "getterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@return Specifies the KMS Key ID for Encryption At Rest options.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,

```



```

"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "KmsKeyId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "KmsKeyId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "KmsKeyId",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.",
"setterMethodName" : "setKmsKeyId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},

```

```

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At
Rest.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #enabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest. \n@return Returns a reference to this object so that method calls
can be chained together.",
  "fluentSetterMethodName" : "enabled",
  "getterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@return Specifies the
option to enable Encryption At Rest.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Enabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Enabled",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest.",
"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getKmsKeyId",
  "beanStyleSetterMethodName" : "setKmsKeyId",
  "c2jName" : "KmsKeyId",
  "c2jShape" : "KmsKeyId",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest
options.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #kmsKeyId(String)}. \n@param
kmsKeyId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #kmsKeyId(String)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,

```

```

"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "kmsKeyId",
"fluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "kmsKeyId",
"getterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@return
Specifies the KMS Key ID for Encryption At Rest options.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "KmsKeyId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "KmsKeyId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "KmsKeyId",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.",
"setterMethodName" : "setKmsKeyId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
}

```

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    },
    "simple" : true,
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      "variableDeclarationType" : "String",
      "variableName" : "kmsKeyId",
      "variableType" : "String",
      "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
  } ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "EncryptionAtRestOptions",
  "simpleMethod" : false,
  "unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
  },
  "variable" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : null,
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "wrapper" : false
},
"EncryptionAtRestOptionsStatus" : {
  "c2jName" : "EncryptionAtRestOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Status of the Encryption At Rest options for the specified Elasticsearch domain.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,

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```

"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(EncryptionAtRestOptions)}. \n@param options a consumer that will call methods on { @link
EncryptionAtRestOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(EncryptionAtRestOptions)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@return Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "EncryptionAtRestOptions",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,

```

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    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Options",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
  "setterMethodName" : "setOptions",
  "setterModel" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "options",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : null,
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "options",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder}. \n\nWhen the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed

```

to { @link #status(OptionStatus)}.
 @param status a consumer that will call methods on { @link OptionStatus.Builder}
 @return Returns a reference to this object so that method calls can be chained together.
 @see #status(OptionStatus)",

```

    "deprecated" : false,
    "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "status",
    "fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "status",
    "getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.",
    "getterModel" : {
      "returnType" : "OptionStatus",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "Status",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "Status",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
  
```



```

"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "EncryptionAtRestOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the
specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(EncryptionAtRestOptions)}. \n@param options a consumer that will call methods on { @link
EncryptionAtRestOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(EncryptionAtRestOptions)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,

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    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "options",
    "getterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@return Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "EncryptionAtRestOptions",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Options",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Options",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Options",
    "sensitive" : false,
    "setterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
    "setterMethodName" : "setOptions",
    "setterModel" : {
        "variableDeclarationType" : "EncryptionAtRestOptions",
        "variableName" : "options",
        "variableType" : "EncryptionAtRestOptions",
        "documentation" : null,
        "simpleType" : "EncryptionAtRestOptions",
        "variableSetterType" : "EncryptionAtRestOptions"
    }

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    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "EncryptionAtRestOptions",
        "variableName" : "options",
        "variableType" : "EncryptionAtRestOptions",
        "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
        "simpleType" : "EncryptionAtRestOptions",
        "variableSetterType" : "EncryptionAtRestOptions"
    },
    "xmlNamespaceUri" : null
},
"Status" : {
    "beanStyleGetterMethodName" : "getStatus",
    "beanStyleSetterMethodName" : "setStatus",
    "c2jName" : "Status",
    "c2jShape" : "OptionStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options
for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "status",
    "fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "status",
    "getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "OptionStatus",
        "documentation" : null
    },
    "http" : {

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```

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
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"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},

```

```

    "xmlNamespaceUri" : null
  }
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(EncryptionAtRestOptions)}. \n@param options a consumer that will call methods on { @link
EncryptionAtRestOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(EncryptionAtRestOptions)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@return Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "EncryptionAtRestOptions",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,

```

```

    "unmarshallLocationName" : "Options",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Options",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
  "setterMethodName" : "setOptions",
  "setterModel" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "options",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : null,
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "options",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus.Builder}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
  "deprecated" : false,

```

```

"documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified

```

```

Elasticsearch domain.",
  "setterMethodName" : "setStatus",
  "setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "EncryptionAtRestOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptionsStatus",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"wrapper" : false
},
"GetCompatibleElasticsearchVersionsRequest" : {
  "c2jName" : "GetCompatibleElasticsearchVersionsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,

```



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    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for request parameters to <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "GetCompatibleElasticsearchVersions",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/compatibleVersions",
    "target" : null,
    "verb" : "GET",
    "xmlNamespaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",

```

```

    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : "querystring",
        "marshallLocation" : "QUERY_PARAM",
        "marshallLocationName" : "domainName",
        "queryString" : true,
        "statusCode" : false,
        "unmarshallLocationName" : "domainName",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "DomainName",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
    "setterMethodName" : "setDomainName",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "domainName",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",

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```

    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value
of the DomainName property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",

```

```

    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "domainName",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "domainName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create

```

one manually via {@link String#builder()}.
When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.
@param domainName a consumer that will call methods on {@link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.  
@param domainName The new value for the DomainName property for this object.  
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.  
@return The value of the DomainName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "domainName",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "domainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
```

```

"sensitive" : false,
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "GetCompatibleElasticsearchVersionsRequest",
"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "GetCompatibleElasticsearchVersionsRequest",
  "variableName" : "getCompatibleElasticsearchVersionsRequest",
  "variableType" : "GetCompatibleElasticsearchVersionsRequest",
  "documentation" : null,
  "simpleType" : "GetCompatibleElasticsearchVersionsRequest",
  "variableSetterType" : "GetCompatibleElasticsearchVersionsRequest"
},
"wrapper" : false
},
"GetCompatibleElasticsearchVersionsResponse" : {
  "c2jName" : "GetCompatibleElasticsearchVersionsResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  }
}

```

```

    },
    "deprecated" : false,
    "documentation" : "<p> Container for response returned by <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
    "endpointDiscovery" : null,
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : null,
    "members" : [ {
        "beanStyleGetterMethodName" : "getCompatibleElasticsearchVersions",
        "beanStyleSetterMethodName" : "setCompatibleElasticsearchVersions",
        "c2jName" : "CompatibleElasticsearchVersions",
        "c2jShape" : "CompatibleElasticsearchVersionsList",
        "defaultConsumerFluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as
part of the <code> <a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\nThis is a convenience
that creates an instance of the { @link List<CompatibleVersionsMap>.Builder} avoiding the need to create one
manually via { @link List<CompatibleVersionsMap>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<CompatibleVersionsMap>.Builder#build()} is called immediately and its result is passed to { @link
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)}. \n@param compatibleElasticsearchVersions a
consumer that will call methods on { @link List<CompatibleVersionsMap>.Builder} \n@return Returns a reference
to this object so that method calls can be chained together. \n@see
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)",
        "deprecated" : false,
        "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
        "endpointDiscoveryId" : false,
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "compatibleElasticsearchVersions",
        "fluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\n@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. \n@return Returns a reference to this object so that
method calls can be chained together.",
        "fluentSetterMethodName" : "compatibleElasticsearchVersions",
        "getterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\n<p>\nAttempts to modify the collection

```

returned by this method will result in an UnsupportedOperationException.
@return A map of compatible Elasticsearch versions returned as part of the `<a>GetCompatibleElasticsearchVersions` operation.",

```
"getterModel" : {
  "returnType" : "java.util.List<CompatibleVersionsMap>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CompatibleElasticsearchVersions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CompatibleElasticsearchVersions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "CompatibleVersionsMap",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.
This is a convenience that creates an instance of the { @link CompatibleVersionsMap.Builder} avoiding
the need to create one manually via { @link CompatibleVersionsMap#builder()}.
When the { @link Consumer}
completes, { @link CompatibleVersionsMap.Builder#build()} is called immediately and its result is passed to
{ @link #member(CompatibleVersionsMap)}.
@param member a consumer that will call methods on { @link
CompatibleVersionsMap.Builder}
@return Returns a reference to this object so that method calls can be chained
together.
@see #member(CompatibleVersionsMap)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
```



```

    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "CompatibleVersionsMap",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "CompatibleVersionsMap",
        "variableName" : "member",
        "variableType" : "CompatibleVersionsMap",
        "documentation" : null,
        "simpleType" : "CompatibleVersionsMap",

```

```

    "variableSetterType" : "CompatibleVersionsMap"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "CompatibleVersionsMap",
    "variableName" : "member",
    "variableType" : "CompatibleVersionsMap",
    "documentation" : "",
    "simpleType" : "CompatibleVersionsMap",
    "variableSetterType" : "CompatibleVersionsMap"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "CompatibleVersionsMap",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "CompatibleVersionsMap",
"templateImplType" : "java.util.ArrayList<CompatibleVersionsMap>",
"templateType" : "java.util.List<CompatibleVersionsMap>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "CompatibleElasticsearchVersions",
"sensitive" : false,
"setterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\n@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation.",
"setterMethodName" : "setCompatibleElasticsearchVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
  "variableName" : "compatibleElasticsearchVersions",
  "variableType" : "java.util.List<CompatibleVersionsMap>",
  "documentation" : null,
  "simpleType" : "List<CompatibleVersionsMap>",
  "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
  "variableName" : "compatibleElasticsearchVersions",
  "variableType" : "java.util.List<CompatibleVersionsMap>",

```

```

    "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
    "simpleType" : "List<CompatibleVersionsMap>",
    "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "CompatibleElasticsearchVersions" : {
    "beanStyleGetterMethodName" : "getCompatibleElasticsearchVersions",
    "beanStyleSetterMethodName" : "setCompatibleElasticsearchVersions",
    "c2jName" : "CompatibleElasticsearchVersions",
    "c2jShape" : "CompatibleElasticsearchVersionsList",
    "defaultConsumerFluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as
part of the <code> <a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\nThis is a convenience
that creates an instance of the { @link List<CompatibleVersionsMap>.Builder} avoiding the need to create one
manually via { @link List<CompatibleVersionsMap>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<CompatibleVersionsMap>.Builder#build()} is called immediately and its result is passed to { @link
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)}. \n@param compatibleElasticsearchVersions a
consumer that will call methods on { @link List<CompatibleVersionsMap>.Builder} \n@return Returns a reference
to this object so that method calls can be chained together. \n@see
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)",
    "deprecated" : false,
    "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "compatibleElasticsearchVersions",
    "fluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the
<code> <a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\n@param
compatibleElasticsearchVersions A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. \n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "compatibleElasticsearchVersions",
    "getterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException. \n</p>\n@return A map of compatible
Elasticsearch versions returned as part of the <code> <a>GetCompatibleElasticsearchVersions</a> </code>
operation.",
    "getterModel" : {
      "returnType" : "java.util.List<CompatibleVersionsMap>",
      "documentation" : null
    },
  },
  "http" : {

```

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CompatibleElasticsearchVersions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CompatibleElasticsearchVersions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "CompatibleVersionsMap",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link CompatibleVersionsMap.Builder} avoiding
the need to create one manually via { @link CompatibleVersionsMap#builder()}. \n\nWhen the { @link Consumer}
completes, { @link CompatibleVersionsMap.Builder#build()} is called immediately and its result is passed to
{ @link #member(CompatibleVersionsMap)}. \n\n@param member a consumer that will call methods on { @link
CompatibleVersionsMap.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #member(CompatibleVersionsMap)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of

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the Member property for this object.",

```
"getterModel" : {
  "returnType" : "CompatibleVersionsMap",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
```

new value for the Member property for this object.",

```
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "CompatibleVersionsMap",
  "variableName" : "member",
  "variableType" : "CompatibleVersionsMap",
  "documentation" : null,
  "simpleType" : "CompatibleVersionsMap",
  "variableSetterType" : "CompatibleVersionsMap"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CompatibleVersionsMap",
  "variableName" : "member",
  "variableType" : "CompatibleVersionsMap",
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        "documentation" : "",
        "simpleType" : "CompatibleVersionsMap",
        "variableSetterType" : "CompatibleVersionsMap"
    },
    "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "CompatibleVersionsMap",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "CompatibleVersionsMap",
"templateImplType" : "java.util.ArrayList<CompatibleVersionsMap>",
"templateType" : "java.util.List<CompatibleVersionsMap>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "CompatibleElasticsearchVersions",
"sensitive" : false,
"setterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\n@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation.",
"setterMethodName" : "setCompatibleElasticsearchVersions",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
    "variableName" : "compatibleElasticsearchVersions",
    "variableType" : "java.util.List<CompatibleVersionsMap>",
    "documentation" : null,
    "simpleType" : "List<CompatibleVersionsMap>",
    "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
    "variableName" : "compatibleElasticsearchVersions",
    "variableType" : "java.util.List<CompatibleVersionsMap>",
    "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
    "simpleType" : "List<CompatibleVersionsMap>",
    "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"xmlNamespaceUri" : null
}
},

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"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getCompatibleElasticsearchVersions",
  "beanStyleSetterMethodName" : "setCompatibleElasticsearchVersions",
  "c2jName" : "CompatibleElasticsearchVersions",
  "c2jShape" : "CompatibleElasticsearchVersionsList",
  "defaultConsumerFluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as
part of the <code> <a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\nThis is a convenience
that creates an instance of the { @link List<CompatibleVersionsMap>.Builder } avoiding the need to create one
manually via { @link List<CompatibleVersionsMap>#builder()}. \n\nWhen the { @link Consumer } completes,
{ @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)}. \n@param compatibleElasticsearchVersions a
consumer that will call methods on { @link List<CompatibleVersionsMap>.Builder } \n@return Returns a reference
to this object so that method calls can be chained together. \n@see
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)",
  "deprecated" : false,
  "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "compatibleElasticsearchVersions",
  "fluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\n@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "compatibleElasticsearchVersions",
  "getterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException. \n</p>\n@return A map of compatible
Elasticsearch versions returned as part of the <code> <a>GetCompatibleElasticsearchVersions</a> </code>
operation.",
  "getterModel" : {
    "returnType" : "java.util.List<CompatibleVersionsMap>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,

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"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CompatibleElasticsearchVersions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CompatibleElasticsearchVersions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "CompatibleVersionsMap",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link CompatibleVersionsMap.Builder} avoiding
the need to create one manually via { @link CompatibleVersionsMap#builder()}. \n\nWhen the { @link Consumer}
completes, { @link CompatibleVersionsMap.Builder#build()} is called immediately and its result is passed to
{ @link #member(CompatibleVersionsMap)}. \n\n@param member a consumer that will call methods on { @link
CompatibleVersionsMap.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #member(CompatibleVersionsMap)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "CompatibleVersionsMap",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,

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    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "CompatibleVersionsMap",
    "variableName" : "member",
    "variableType" : "CompatibleVersionsMap",
    "documentation" : null,
    "simpleType" : "CompatibleVersionsMap",
    "variableSetterType" : "CompatibleVersionsMap"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "CompatibleVersionsMap",
    "variableName" : "member",
    "variableType" : "CompatibleVersionsMap",
    "documentation" : "",
    "simpleType" : "CompatibleVersionsMap",
    "variableSetterType" : "CompatibleVersionsMap"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "CompatibleVersionsMap",

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    "map" : false,
    "memberAdditionalMarshallingPath" : null,
    "memberAdditionalUnmarshallingPath" : null,
    "simple" : false,
    "simpleType" : "CompatibleVersionsMap",
    "templateImplType" : "java.util.ArrayList<CompatibleVersionsMap>",
    "templateType" : "java.util.List<CompatibleVersionsMap>"
  },
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "LIST",
  "name" : "CompatibleElasticsearchVersions",
  "sensitive" : false,
  "setterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>\n@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation.",
  "setterMethodName" : "setCompatibleElasticsearchVersions",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
    "variableName" : "compatibleElasticsearchVersions",
    "variableType" : "java.util.List<CompatibleVersionsMap>",
    "documentation" : null,
    "simpleType" : "List<CompatibleVersionsMap>",
    "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
    "variableName" : "compatibleElasticsearchVersions",
    "variableType" : "java.util.List<CompatibleVersionsMap>",
    "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
    "simpleType" : "List<CompatibleVersionsMap>",
    "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "GetCompatibleElasticsearchVersionsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},

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"variable" : {
  "variableDeclarationType" : "GetCompatibleElasticsearchVersionsResponse",
  "variableName" : "getCompatibleElasticsearchVersionsResponse",
  "variableType" : "GetCompatibleElasticsearchVersionsResponse",
  "documentation" : null,
  "simpleType" : "GetCompatibleElasticsearchVersionsResponse",
  "variableSetterType" : "GetCompatibleElasticsearchVersionsResponse"
},
"wrapper" : false
},
"GetUpgradeHistoryRequest" : {
  "c2jName" : "GetUpgradeHistoryRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for request parameters to <code> <a>GetUpgradeHistory</a> </code>
operation. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "GetUpgradeHistory",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/upgradeDomain/{DomainName}/history",
    "target" : null,
    "verb" : "GET",
    "xmlNamespaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create

```

one manually via {@link String#builder()}.
When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.
@param domainName a consumer that will call methods on {@link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.  
@param domainName The new value for the DomainName property for this object.  
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.  
@return The value of the DomainName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
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"sensitive" : false,
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. \n\n@param
maxResults a consumer that will call methods on { @link Integer.Builder}\n\n@return Returns a reference to this
object so that method calls can be chained together.\n\n@see #maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@param
maxResults The new value for the MaxResults property for this object.\n\n@return Returns a reference to this object
so that method calls can be chained together.",
  "fluentSetterMethodName" : "maxResults",
  "getterDocumentation" : "Returns the value of the MaxResults property for this object.\n\n@return The value of

```

the MaxResults property for this object.",

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"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
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  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@param maxResults The
```

new value for the MaxResults property for this object.",

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"setterMethodName" : "setMaxResults",
"setterModel" : {
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  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
```

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    "documentation" : "",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken
The new value for the NextToken property for this object.\n@return Returns a reference to this object so that
method calls can be chained together.",
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  "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "nextToken",
    "queryString" : true,
    "statusCode" : false,

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    "unmarshallLocationName" : "nextToken",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "NextToken",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
  "setterMethodName" : "setNextToken",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n\n@param
domainName a consumer that will call methods on { @link String.Builder}\n\n@return Returns a reference to this
object so that method calls can be chained together.\n\n@see #domainName(String)",

```



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"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value
of the DomainName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",

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"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"MaxResults" : {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. \n@param
maxResults a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object. \n\n@param
maxResults The new value for the MaxResults property for this object. \n@return Returns a reference to this object
so that method calls can be chained together.",
  "fluentSetterMethodName" : "maxResults",
  "getterDocumentation" : "Returns the value of the MaxResults property for this object. \n@return The value of
the MaxResults property for this object.",
  "getterModel" : {
    "returnType" : "Integer",

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    "documentation" : null
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
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    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "maxResults",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "maxResults",
    "uri" : false
  },
  "idempotencyToken" : false,
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  "jsonValue" : false,
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  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "MaxResults",
  "sensitive" : false,
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The new value for the MaxResults property for this object.",
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  "setterModel" : {
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    "variableName" : "maxResults",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "maxResults",
    "variableType" : "Integer",
    "documentation" : "",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  }

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    },
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  "NextToken" : {
    "beanStyleGetterMethodName" : "getNextToken",
    "beanStyleSetterMethodName" : "setNextToken",
    "c2jName" : "NextToken",
    "c2jShape" : "NextToken",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
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    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "nextToken",
    "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param
nextToken The new value for the NextToken property for this object.\n@return Returns a reference to this object so
that method calls can be chained together.",
    "fluentSetterMethodName" : "nextToken",
    "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
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      "documentation" : null
    },
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "nextToken",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "nextToken",
    "uri" : false
  }
}

```

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    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
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    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "NextToken",
    "sensitive" : false,
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new value for the NextToken property for this object.",
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        "variableName" : "nextToken",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "nextToken",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : ""
}

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domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
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the DomainName property for this object.",
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  "documentation" : null
},
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
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"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
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The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",

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    "variableName" : "domainName",
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    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
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  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. \n@param
maxResults a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@param
maxResults The new value for the MaxResults property for this object.\n@return Returns a reference to this object
so that method calls can be chained together.",
  "fluentSetterMethodName" : "maxResults",
  "getterDocumentation" : "Returns the value of the MaxResults property for this object.\n@return The value of
the MaxResults property for this object.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {

```

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
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"greedy" : false,
"header" : false,
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"isStreaming" : false,
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"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@param maxResults The
new value for the MaxResults property for this object.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {

```



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"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
"deprecated" : false,
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"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken
The new value for the NextToken property for this object.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```

```

"list" : false,
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"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
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"sensitive" : false,
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new value for the NextToken property for this object.",
"setterMethodName" : "setNextToken",
"setterModel" : {
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  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "GetUpgradeHistoryRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
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  "variableName" : "getUpgradeHistoryRequest",
  "variableType" : "GetUpgradeHistoryRequest",
  "documentation" : null,
  "simpleType" : "GetUpgradeHistoryRequest",
  "variableSetterType" : "GetUpgradeHistoryRequest"
},
"wrapper" : false
},
"GetUpgradeHistoryResponse" : {
  "c2jName" : "GetUpgradeHistoryResponse",

```

```

"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> Container for response returned by <code> <a>GetUpgradeHistory</a> </code>
operation. </p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getUpgradeHistories",
  "beanStyleSetterMethodName" : "setUpgradeHistories",
  "c2jName" : "UpgradeHistories",
  "c2jShape" : "UpgradeHistoryList",
  "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code>
objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of
<code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>\nThis is a convenience that creates an instance
of the { @link List<UpgradeHistory>.Builder} avoiding the need to create one manually via { @link
List<UpgradeHistory>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<UpgradeHistory>.Builder#build()} is called immediately and its result is passed to { @link
#upgradeHistories(List<UpgradeHistory>)}. \n@param upgradeHistories a consumer that will call methods on
{ @link List<UpgradeHistory>.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #upgradeHistories(List<UpgradeHistory>)",
  "deprecated" : false,
  "documentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse</a> </code> object. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "upgradeHistories",
  "fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to

```

each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of `<a>GetUpgradeHistoryResponse` object.
@param upgradeHistories A list of `<a>UpgradeHistory` objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of `<a>GetUpgradeHistoryResponse` object.
@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "upgradeHistories",
```

```
"getterDocumentation" : "<p> A list of <a>UpgradeHistory</a> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <a>GetUpgradeHistoryResponse</a> object. </p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return A list of <a>UpgradeHistory</a> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <a>GetUpgradeHistoryResponse</a> object.",
```

```
"getterModel" : {
```

```
  "returnType" : "java.util.List<UpgradeHistory>",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : null,
```

```
  "marshallLocation" : "PAYLOAD",
```

```
  "marshallLocationName" : "UpgradeHistories",
```

```
  "queryString" : false,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "UpgradeHistories",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : true,
```

```
"listModel" : {
```

```
  "implType" : "java.util.ArrayList",
```

```
  "interfaceType" : "java.util.List",
```

```
  "listMemberModel" : {
```

```
    "beanStyleGetterMethodName" : "getMember",
```

```
    "beanStyleSetterMethodName" : "setMember",
```

```
    "c2jName" : "member",
```

```
    "c2jShape" : "UpgradeHistory",
```

```
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link UpgradeHistory.Builder} avoiding the need to create one manually via { @link UpgradeHistory#builder()}. \n\nWhen the { @link Consumer} completes, { @link UpgradeHistory.Builder#build()} is called immediately and its result is passed to { @link
```

```

#member(UpgradeHistory)}.
@param member a consumer that will call methods on { @link
UpgradeHistory.Builder}
@return Returns a reference to this object so that method calls can be chained
together.
@see #member(UpgradeHistory)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.
The new value for the Member property for this object.
@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.
@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "UpgradeHistory",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Member",
    "sensitive" : false,

```

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"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "UpgradeHistory",
  "variableName" : "member",
  "variableType" : "UpgradeHistory",
  "documentation" : null,
  "simpleType" : "UpgradeHistory",
  "variableSetterType" : "UpgradeHistory"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "UpgradeHistory",
  "variableName" : "member",
  "variableType" : "UpgradeHistory",
  "documentation" : "",
  "simpleType" : "UpgradeHistory",
  "variableSetterType" : "UpgradeHistory"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeHistory",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeHistory",
"templateImplType" : "java.util.ArrayList<UpgradeHistory>",
"templateType" : "java.util.List<UpgradeHistory>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "UpgradeHistories",
"sensitive" : false,
"setterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse</a> </code> object. </p>\n\n@param upgradeHistories A list of <code>
<a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed
on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.",
"setterMethodName" : "setUpgradeHistories",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<UpgradeHistory>",
  "variableName" : "upgradeHistories",
  "variableType" : "java.util.List<UpgradeHistory>",

```

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    "documentation" : null,
    "simpleType" : "List<UpgradeHistory>",
    "variableSetterType" : "java.util.Collection<UpgradeHistory>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<UpgradeHistory>",
    "variableName" : "upgradeHistories",
    "variableType" : "java.util.List<UpgradeHistory>",
    "documentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse</a> </code> object. </p>",
    "simpleType" : "List<UpgradeHistory>",
    "variableSetterType" : "java.util.Collection<UpgradeHistory>"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call
to get the next page of results</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder}\n@return
Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next
page of results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next
page of results\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>\n@return Pagination token that needs to be supplied to the next call to get the next page of results",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  },

```

```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
}

```



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    },
    "xmlNamespaceUri" : null
  } ],
  "membersAsMap" : {
    "NextToken" : {
      "beanStyleGetterMethodName" : "getNextToken",
      "beanStyleSetterMethodName" : "setNextToken",
      "c2jName" : "NextToken",
      "c2jShape" : "String",
      "defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next
call to get the next page of results</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder}\n@return
Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",
      "deprecated" : false,
      "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "nextToken",
      "fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next
page of results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next
page of results\n@return Returns a reference to this object so that method calls can be chained together.",
      "fluentSetterMethodName" : "nextToken",
      "getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>\n@return Pagination token that needs to be supplied to the next call to get the next page of results",
      "getterModel" : {
        "returnType" : "String",
        "documentation" : null
      },
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "NextToken",
      "queryString" : false,
      "statusCode" : false,
    }
  }
}

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    "unmarshallLocationName" : "NextToken",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "NextToken",
  "sensitive" : false,
  "setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next page of
results",
  "setterMethodName" : "setNextToken",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"UpgradeHistories" : {
  "beanStyleGetterMethodName" : "getUpgradeHistories",
  "beanStyleSetterMethodName" : "setUpgradeHistories",
  "c2jName" : "UpgradeHistories",
  "c2jShape" : "UpgradeHistoryList",
  "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code>
objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of
<code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>\nThis is a convenience that creates an instance
of the { @link List<UpgradeHistory>.Builder} avoiding the need to create one manually via { @link
List<UpgradeHistory>#builder()}. \n\nWhen the { @link Consumer} completes, { @link

```

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List<UpgradeHistory>.Builder#build()} is called immediately and its result is passed to {@link
#upgradeHistories(List<UpgradeHistory>)}.\n@param upgradeHistories a consumer that will call methods on
{@link List<UpgradeHistory>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #upgradeHistories(List<UpgradeHistory>)",
    "deprecated" : false,
    "documentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse</a> </code> object. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "upgradeHistories",
    "fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding
to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse</a> </code> object. </p>\n@param upgradeHistories A list of <code>
<a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed
on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.\n@return Returns a
reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "upgradeHistories",
    "getterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to
each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse</a> </code> object. </p>\n<p>\nAttempts to modify the collection returned by
this method will result in an UnsupportedOperationException.\n</p>\n@return A list of <code>
<a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed
on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.",
    "getterModel" : {
        "returnType" : "java.util.List<UpgradeHistory>",
        "documentation" : null
    },
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "UpgradeHistories",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "UpgradeHistories",
        "uri" : false
    },
    },

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "UpgradeHistory",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link UpgradeHistory.Builder} avoiding the need
to create one manually via { @link UpgradeHistory#builder()}. \n\nWhen the { @link Consumer} completes, { @link
UpgradeHistory.Builder#build()} is called immediately and its result is passed to { @link
#member(UpgradeHistory)}. \n@param member a consumer that will call methods on { @link
UpgradeHistory.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(UpgradeHistory)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "UpgradeHistory",
      "documentation" : null
    },
  },
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",

```

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    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "UpgradeHistory",
    "variableName" : "member",
    "variableType" : "UpgradeHistory",
    "documentation" : null,
    "simpleType" : "UpgradeHistory",
    "variableSetterType" : "UpgradeHistory"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "UpgradeHistory",
    "variableName" : "member",
    "variableType" : "UpgradeHistory",
    "documentation" : "",
    "simpleType" : "UpgradeHistory",
    "variableSetterType" : "UpgradeHistory"
  },
  "xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeHistory",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeHistory",
"templateImplType" : "java.util.ArrayList<UpgradeHistory>",
"templateType" : "java.util.List<UpgradeHistory>"

```

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    },
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "LIST",
    "name" : "UpgradeHistories",
    "sensitive" : false,
    "setterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>\n@param upgradeHistories A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.",
    "setterMethodName" : "setUpgradeHistories",
    "setterModel" : {
        "variableDeclarationType" : "java.util.List<UpgradeHistory>",
        "variableName" : "upgradeHistories",
        "variableType" : "java.util.List<UpgradeHistory>",
        "documentation" : null,
        "simpleType" : "List<UpgradeHistory>",
        "variableSetterType" : "java.util.Collection<UpgradeHistory>"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "java.util.List<UpgradeHistory>",
        "variableName" : "upgradeHistories",
        "variableType" : "java.util.List<UpgradeHistory>",
        "documentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>",
        "simpleType" : "List<UpgradeHistory>",
        "variableSetterType" : "java.util.Collection<UpgradeHistory>"
    },
    "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getUpgradeHistories",
    "beanStyleSetterMethodName" : "setUpgradeHistories",
    "c2jName" : "UpgradeHistories",
    "c2jShape" : "UpgradeHistoryList",
    "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>\nThis is a convenience that creates an instance of the { @link List<UpgradeHistory>.Builder} avoiding the need to create one manually via { @link List<UpgradeHistory>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<UpgradeHistory>.Builder#build()} is called immediately and its result is passed to { @link #upgradeHistories(List<UpgradeHistory>)}. \n@param upgradeHistories a consumer that will call methods on { @link List<UpgradeHistory>.Builder} \n@return Returns a reference to this object so that method calls can be

```

```

chained together.\n@see #upgradeHistories(List<UpgradeHistory>)",
  "deprecated" : false,
  "documentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse</a> </code> object. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "upgradeHistories",
  "fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to
each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse</a> </code> object. </p>\n@param upgradeHistories A list of <code>
<a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed
on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.\n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "upgradeHistories",
  "getterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse</a> </code> object. </p>\n<p>\nAttempts to modify the collection returned by
this method will result in an UnsupportedOperationException.\n</p>\n@return A list of <code>
<a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed
on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.",
  "getterModel" : {
    "returnType" : "java.util.List<UpgradeHistory>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeHistories",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeHistories",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,

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"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "UpgradeHistory",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link UpgradeHistory.Builder} avoiding the need
to create one manually via { @link UpgradeHistory#builder()}. \n\nWhen the { @link Consumer} completes, { @link
UpgradeHistory.Builder#build()} is called immediately and its result is passed to { @link
#member(UpgradeHistory)}. \n@param member a consumer that will call methods on { @link
UpgradeHistory.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(UpgradeHistory)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "UpgradeHistory",
      "documentation" : null
    },
  },
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,

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    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "UpgradeHistory",
    "variableName" : "member",
    "variableType" : "UpgradeHistory",
    "documentation" : null,
    "simpleType" : "UpgradeHistory",
    "variableSetterType" : "UpgradeHistory"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "UpgradeHistory",
    "variableName" : "member",
    "variableType" : "UpgradeHistory",
    "documentation" : "",
    "simpleType" : "UpgradeHistory",
    "variableSetterType" : "UpgradeHistory"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeHistory",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeHistory",
"templateImplType" : "java.util.ArrayList<UpgradeHistory>",
"templateType" : "java.util.List<UpgradeHistory>"
},
"map" : false,
"mapModel" : null,

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"marshallingType" : "LIST",
"name" : "UpgradeHistories",
"sensitive" : false,
"setterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>\n@param upgradeHistories A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.",
"setterMethodName" : "setUpgradeHistories",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<UpgradeHistory>",
  "variableName" : "upgradeHistories",
  "variableType" : "java.util.List<UpgradeHistory>",
  "documentation" : null,
  "simpleType" : "List<UpgradeHistory>",
  "variableSetterType" : "java.util.Collection<UpgradeHistory>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<UpgradeHistory>",
  "variableName" : "upgradeHistories",
  "variableType" : "java.util.List<UpgradeHistory>",
  "documentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>",
  "simpleType" : "List<UpgradeHistory>",
  "variableSetterType" : "java.util.Collection<UpgradeHistory>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next
page of results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next
page of results\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>\n@return Pagination token that needs to be supplied to the next call to get the next page of results",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next page of
results",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,

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    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "GetUpgradeHistoryResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "GetUpgradeHistoryResponse",
  "variableName" : "getUpgradeHistoryResponse",
  "variableType" : "GetUpgradeHistoryResponse",
  "documentation" : null,
  "simpleType" : "GetUpgradeHistoryResponse",
  "variableSetterType" : "GetUpgradeHistoryResponse"
},
"wrapper" : false
},
"GetUpgradeStatusRequest" : {
  "c2jName" : "GetUpgradeStatusRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for request parameters to <code> <a>GetUpgradeStatus</a> </code>
operation. </p>",
  "endpointDiscovery" : null,

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"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "GetUpgradeStatus",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/upgradeDomain/{DomainName}/status",
  "target" : null,
  "verb" : "GET",
  "xmlNamespaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object. \n\n@param
domainName The new value for the DomainName property for this object. \n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "Returns the value of the DomainName property for this object. \n@return The value of
the DomainName property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},

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"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

```

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} ],
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n\n@param
domainName a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this
object so that method calls can be chained together. \n\n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object. \n\n@param
domainName The new value for the DomainName property for this object. \n\n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "Returns the value of the DomainName property for this object. \n\n@return The value
of the DomainName property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : true
  },
},

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    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "DomainName",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.",
    "setterMethodName" : "setDomainName",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "domainName",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "domainName",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n\n@param
domainName a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this
object so that method calls can be chained together. \n\n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",

```

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    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "GetUpgradeStatusRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "GetUpgradeStatusRequest",
  "variableName" : "getUpgradeStatusRequest",
  "variableType" : "GetUpgradeStatusRequest",
  "documentation" : null,
  "simpleType" : "GetUpgradeStatusRequest",
  "variableSetterType" : "GetUpgradeStatusRequest"
},
"wrapper" : false
},
"GetUpgradeStatusResponse" : {
  "c2jName" : "GetUpgradeStatusResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for response returned by <code> <a>GetUpgradeStatus</a> </code>
operation. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,

```

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"event" : false,
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"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
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"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getUpgradeStepAsString",
  "beanStyleSetterMethodName" : "setUpgradeStep",
  "c2jName" : "UpgradeStep",
  "c2jShape" : "UpgradeStep",
  "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #upgradeStep(String)",
  "deprecated" : false,
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "UpgradeStep",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStep",
  "fluentEnumSetterMethodName" : "upgradeStep",
  "fluentGetterMethodName" : "upgradeStepAsString",
  "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep\n@return Returns a reference to this object so that method calls can be chained together. \n@see UpgradeStep",
  "fluentSetterMethodName" : "upgradeStep",
  "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #upgradeStep} will return { @link UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #upgradeStepAsString}. \n</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {

```

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeStep",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeStep",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStep",
"sensitive" : false,
"setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep",
"setterMethodName" : "setUpgradeStep",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeStep",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeStep",
"variableType" : "String",
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
<ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
"simpleType" : "String",
"variableSetterType" : "String"
}

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    },
    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getStepStatusAsString",
    "beanStyleSetterMethodName" : "setStepStatus",
    "c2jName" : "StepStatus",
    "c2jShape" : "UpgradeStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #stepStatusAsString(String)}. \n@param stepStatus a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #stepStatus(String)",
    "deprecated" : false,
    "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
    "endpointDiscoveryId" : false,
    "enumType" : "UpgradeStatus",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "stepStatus",
    "fluentEnumSetterMethodName" : "stepStatus",
    "fluentGetterMethodName" : "stepStatusAsString",
    "fluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param stepStatus One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> \n@see UpgradeStatus \n@return Returns a reference to this object so that method calls can be chained together. \n@see UpgradeStatus",
    "fluentSetterMethodName" : "stepStatus",
    "getterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #stepStatus} will return { @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #stepStatusAsString}. \n</p>\n@return One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> \n@see UpgradeStatus",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StepStatus",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StepStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StepStatus",
"sensitive" : false,
"setterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param stepStatus
One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a>
</code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li>
<li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus",
"setterMethodName" : "setStepStatus",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "stepStatus",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "stepStatus",
"variableType" : "String",
"documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In

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Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpgradeName",
  "beanStyleSetterMethodName" : "setUpgradeName",
  "c2jName" : "UpgradeName",
  "c2jShape" : "UpgradeName",
  "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together. \n@see #upgradeName(String)",
  "deprecated" : false,
  "documentation" : "<p>A string that describes the update briefly</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "upgradeName",
  "fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "upgradeName",
  "getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes the
update briefly",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeName",
    "queryString" : false,
    "statusCode" : false,

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    "unmarshallLocationName" : "UpgradeName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "UpgradeName",
  "sensitive" : false,
  "setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
  "setterMethodName" : "setUpgradeName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeName",
    "variableType" : "String",
    "documentation" : "<p>A string that describes the update briefly</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "StepStatus" : {
    "beanStyleGetterMethodName" : "getStepStatusAsString",
    "beanStyleSetterMethodName" : "setStepStatus",
    "c2jName" : "StepStatus",
    "c2jShape" : "UpgradeStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as
part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following
values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #stepStatusAsString(String)}. \n@param stepStatus a

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consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #stepStatus(String)",
    "deprecated" : false,
    "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
    "endpointDiscoveryId" : false,
    "enumType" : "UpgradeStatus",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "stepStatus",
    "fluentEnumSetterMethodName" : "stepStatus",
    "fluentGetterMethodName" : "stepStatusAsString",
    "fluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param stepStatus
One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a>
</code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li>
<li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus\n@return Returns a reference to this
object so that method calls can be chained together.\n@see UpgradeStatus",
    "fluentSetterMethodName" : "stepStatus",
    "getterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, {@link #stepStatus} will return {@link
UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from
{@link #stepStatusAsString}.\n</p>\n@return One of 4 statuses that a step can go through returned as part of the
<code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul>
<li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see
UpgradeStatus",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "StepStatus",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "StepStatus",

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    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "StepStatus",
  "sensitive" : false,
  "setterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param stepStatus
One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a>
</code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li>
<li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus",
  "setterMethodName" : "setStepStatus",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "stepStatus",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "stepStatus",
    "variableType" : "String",
    "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"UpgradeName" : {
  "beanStyleGetterMethodName" : "getUpgradeName",
  "beanStyleSetterMethodName" : "setUpgradeName",
  "c2jName" : "UpgradeName",
  "c2jShape" : "UpgradeName",
  "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via

```

{ @link String#builder()}.
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeName(String)}.
@param upgradeName a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #upgradeName(String)",

```
"deprecated" : false,
"documentation" : "<p>A string that describes the update briefly</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string that describes the update briefly\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "upgradeName",
"getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes the update briefly",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
```

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"sensitive" : false,
"setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : "<p>A string that describes the update briefly</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"UpgradeStep" : {
  "beanStyleGetterMethodName" : "getUpgradeStepAsString",
  "beanStyleSetterMethodName" : "setUpgradeStep",
  "c2jName" : "UpgradeStep",
  "c2jShape" : "UpgradeStep",
  "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade
Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together. \n@see #upgradeStep(String)",
  "deprecated" : false,
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
<ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "UpgradeStep",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStep",
  "fluentEnumSetterMethodName" : "upgradeStep",
  "fluentGetterMethodName" : "upgradeStepAsString",
  "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param

```

upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:

- PreUpgradeCheck
- Snapshot
- Upgrade

\n@see UpgradeStep\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStep",

"fluentSetterMethodName" : "upgradeStep",

"getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:

- PreUpgradeCheck
- Snapshot
- Upgrade

 </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #upgradeStep } will return { @link UpgradeStep#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from { @link #upgradeStepAsString }. \n</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:

- PreUpgradeCheck
- Snapshot
- Upgrade

\n@see UpgradeStep",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "UpgradeStep",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "UpgradeStep",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "UpgradeStep",

"sensitive" : false,

"setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:

- PreUpgradeCheck
- Snapshot
- Upgrade

 </p>\n@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:

- PreUpgradeCheck
- Snapshot
- Upgrade

\n@see UpgradeStep",

"setterMethodName" : "setUpgradeStep",

"setterModel" : {

"variableDeclarationType" : "String",

"variableName" : "upgradeStep",

```

    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStep",
    "variableType" : "String",
    "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getUpgradeStepAsString",
  "beanStyleSetterMethodName" : "setUpgradeStep",
  "c2jName" : "UpgradeStep",
  "c2jShape" : "UpgradeStep",
  "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade
Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #upgradeStep(String)",
  "deprecated" : false,
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
<ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "UpgradeStep",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStep",
  "fluentEnumSetterMethodName" : "upgradeStep",
  "fluentGetterMethodName" : "upgradeStepAsString",
  "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param
upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep\n@return Returns a
reference to this object so that method calls can be chained together. \n@see UpgradeStep",
  "fluentSetterMethodName" : "upgradeStep",
  "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does

```

through:

- PreUpgradeCheck
- Snapshot
- Upgrade

If the service returns an enum value that is not available in the current SDK version, { @link #upgradeStep } will return { @link UpgradeStep#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from { @link #upgradeStepAsString }.

@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:

- PreUpgradeCheck
- Snapshot
- Upgrade

 @see UpgradeStep",

```

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeStep",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeStep",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStep",
"sensitive" : false,
"setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep",
"setterMethodName" : "setUpgradeStep",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStep",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

```

```

"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStep",
  "variableType" : "String",
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
<ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStepStatusAsString",
  "beanStyleSetterMethodName" : "setStepStatus",
  "c2jName" : "StepStatus",
  "c2jShape" : "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as
part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following
values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String.Builder}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #stepStatusAsString(String)}. \n@param stepStatus a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #stepStatus(String)",
  "deprecated" : false,
  "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "UpgradeStatus",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "stepStatus",
  "fluentEnumSetterMethodName" : "stepStatus",
  "fluentGetterMethodName" : "stepStatusAsString",
  "fluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param stepStatus
One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a>
</code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li>
<li>Succeeded with Issues</li> <li>Failed</li> </ul> \n@see UpgradeStatus \n@return Returns a reference to this
object so that method calls can be chained together. \n@see UpgradeStatus",
  "fluentSetterMethodName" : "stepStatus",
  "getterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #stepStatus} will return { @link

```


UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from `{@link #stepStatusAsString}`.
@return One of 4 statuses that a step can go through returned as part of the `<a>GetUpgradeStatusResponse` object. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

@see UpgradeStatus",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StepStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StepStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StepStatus",
"sensitive" : false,
```

```
"setterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param stepStatus
One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a>
</code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li>
<li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus",
```

```
"setterMethodName" : "setStepStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "stepStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
```

```

    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "stepStatus",
    "variableType" : "String",
    "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpgradeName",
  "beanStyleSetterMethodName" : "setUpgradeName",
  "c2jName" : "UpgradeName",
  "c2jShape" : "UpgradeName",
  "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #upgradeName(String)",
  "deprecated" : false,
  "documentation" : "<p>A string that describes the update briefly</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "upgradeName",
  "fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "upgradeName",
  "getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes the
update briefly",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,

```

```

    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "UpgradeName",
  "sensitive" : false,
  "setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
  "setterMethodName" : "setUpgradeName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeName",
    "variableType" : "String",
    "documentation" : "<p>A string that describes the update briefly</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,

```

```

"required" : null,
"shapeName" : "GetUpgradeStatusResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "GetUpgradeStatusResponse",
  "variableName" : "getUpgradeStatusResponse",
  "variableType" : "GetUpgradeStatusResponse",
  "documentation" : null,
  "simpleType" : "GetUpgradeStatusResponse",
  "variableSetterType" : "GetUpgradeStatusResponse"
},
"wrapper" : false
},
"InstanceCountLimits" : {
  "c2jName" : "InstanceCountLimits",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> InstanceCountLimits represents the limits on number of instances that be created in
Amazon Elasticsearch for given InstanceType. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getMinimumInstanceCount",
    "beanStyleSetterMethodName" : "setMinimumInstanceCount",
    "c2jName" : "MinimumInstanceCount",
    "c2jShape" : "MinimumInstanceCount",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create

```

one manually via {@link Integer#builder()}.
When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #minimumInstanceCount(Integer)}.
@param minimumInstanceCount a consumer that will call methods on {@link Integer.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #minimumInstanceCount(Integer)",

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "minimumInstanceCount",
"fluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this
object.
@param minimumInstanceCount The new value for the MinimumInstanceCount property for this
object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "minimumInstanceCount",
"getterDocumentation" : "Returns the value of the MinimumInstanceCount property for this object.
@return
The value of the MinimumInstanceCount property for this object.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "MinimumInstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "MinimumInstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
```

```

"name" : "MinimumInstanceCount",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.\n\n@param
minimumInstanceCount The new value for the MinimumInstanceCount property for this object.",
"setterMethodName" : "setMinimumInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "minimumInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "minimumInstanceCount",
  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getMaximumInstanceCount",
  "beanStyleSetterMethodName" : "setMaximumInstanceCount",
  "c2jName" : "MaximumInstanceCount",
  "c2jShape" : "MaximumInstanceCount",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#maximumInstanceCount(Integer)}. \n@param maximumInstanceCount a consumer that will call methods on
{ @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #maximumInstanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maximumInstanceCount",
  "fluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\n@param maximumInstanceCount The new value for the MaximumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",

```

```

    "fluentSetterMethodName" : "maximumInstanceCount",
    "getterDocumentation" : "Returns the value of the MaximumInstanceCount property for this object.\n@return
The value of the MaximumInstanceCount property for this object.",
    "getterModel" : {
        "returnType" : "Integer",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "MaximumInstanceCount",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "MaximumInstanceCount",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "INTEGER",
    "name" : "MaximumInstanceCount",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.\n\n@param
maximumInstanceCount The new value for the MaximumInstanceCount property for this object.",
    "setterMethodName" : "setMaximumInstanceCount",
    "setterModel" : {
        "variableDeclarationType" : "Integer",
        "variableName" : "maximumInstanceCount",
        "variableType" : "Integer",
        "documentation" : null,
        "simpleType" : "Integer",
        "variableSetterType" : "Integer"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "Integer",

```

```

    "variableName" : "maximumInstanceCount",
    "variableType" : "Integer",
    "documentation" : "",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "MaximumInstanceCount" : {
    "beanStyleGetterMethodName" : "getMaximumInstanceCount",
    "beanStyleSetterMethodName" : "setMaximumInstanceCount",
    "c2jName" : "MaximumInstanceCount",
    "c2jShape" : "MaximumInstanceCount",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for
this object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#maximumInstanceCount(Integer)}. \n@param maximumInstanceCount a consumer that will call methods on
{ @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #maximumInstanceCount(Integer)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "maximumInstanceCount",
    "fluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\n@param maximumInstanceCount The new value for the MaximumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "maximumInstanceCount",
    "getterDocumentation" : "Returns the value of the MaximumInstanceCount property for this object.\n@return
The value of the MaximumInstanceCount property for this object.",
    "getterModel" : {
      "returnType" : "Integer",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,

```



```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "MaximumInstanceCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "MaximumInstanceCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaximumInstanceCount",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.\n\n@param
maximumInstanceCount The new value for the MaximumInstanceCount property for this object.",
"setterMethodName" : "setMaximumInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maximumInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maximumInstanceCount",
  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"MinimumInstanceCount" : {
  "beanStyleGetterMethodName" : "getMinimumInstanceCount",
  "beanStyleSetterMethodName" : "setMinimumInstanceCount",
  "c2jName" : "MinimumInstanceCount",
  "c2jShape" : "MinimumInstanceCount",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for
this object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to

```

create one manually via `{ @link Integer#builder() }`.
When the `{ @link Consumer }` completes, `{ @link Integer.Builder#build() }` is called immediately and its result is passed to `{ @link #minimumInstanceCount(Integer) }`.
`@param minimumInstanceCount` a consumer that will call methods on `{ @link Integer.Builder }`
`@return` Returns a reference to this object so that method calls can be chained together.
`@see #minimumInstanceCount(Integer)`,

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "minimumInstanceCount",
"fluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this
object.
@param minimumInstanceCount The new value for the MinimumInstanceCount property for this
object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "minimumInstanceCount",
"getterDocumentation" : "Returns the value of the MinimumInstanceCount property for this object.
@return
The value of the MinimumInstanceCount property for this object.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "MinimumInstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "MinimumInstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
```

```

    "name" : "MinimumInstanceCount",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.\n\n@param
minimumInstanceCount The new value for the MinimumInstanceCount property for this object.",
    "setterMethodName" : "setMinimumInstanceCount",
    "setterModel" : {
        "variableDeclarationType" : "Integer",
        "variableName" : "minimumInstanceCount",
        "variableType" : "Integer",
        "documentation" : null,
        "simpleType" : "Integer",
        "variableSetterType" : "Integer"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
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        "variableName" : "minimumInstanceCount",
        "variableType" : "Integer",
        "documentation" : "",
        "simpleType" : "Integer",
        "variableSetterType" : "Integer"
    },
    "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getMinimumInstanceCount",
    "beanStyleSetterMethodName" : "setMinimumInstanceCount",
    "c2jName" : "MinimumInstanceCount",
    "c2jShape" : "MinimumInstanceCount",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#minimumInstanceCount(Integer)}. \n\n@param minimumInstanceCount a consumer that will call methods on { @link
Integer.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see
#minimumInstanceCount(Integer)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "minimumInstanceCount",
    "fluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this

```

```

object.\n\n@param minimumInstanceCount The new value for the MinimumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "minimumInstanceCount",
    "getterDocumentation" : "Returns the value of the MinimumInstanceCount property for this object.\n@return
The value of the MinimumInstanceCount property for this object.",
    "getterModel" : {
        "returnType" : "Integer",
        "documentation" : null
    },
    "http" : {
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        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "MinimumInstanceCount",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "MinimumInstanceCount",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "INTEGER",
    "name" : "MinimumInstanceCount",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.\n\n@param
minimumInstanceCount The new value for the MinimumInstanceCount property for this object.",
    "setterMethodName" : "setMinimumInstanceCount",
    "setterModel" : {
        "variableDeclarationType" : "Integer",
        "variableName" : "minimumInstanceCount",
        "variableType" : "Integer",
        "documentation" : null,
        "simpleType" : "Integer",
        "variableSetterType" : "Integer"
    },
    "simple" : true,
    "timestampFormat" : null,

```

```

"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "minimumInstanceCount",
  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getMaximumInstanceCount",
  "beanStyleSetterMethodName" : "setMaximumInstanceCount",
  "c2jName" : "MaximumInstanceCount",
  "c2jShape" : "MaximumInstanceCount",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#maximumInstanceCount(Integer)}. \n@param maximumInstanceCount a consumer that will call methods on
{ @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #maximumInstanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maximumInstanceCount",
  "fluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\n@param maximumInstanceCount The new value for the MaximumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "maximumInstanceCount",
  "getterDocumentation" : "Returns the value of the MaximumInstanceCount property for this object.\n@return
The value of the MaximumInstanceCount property for this object.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "MaximumInstanceCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "MaximumInstanceCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaximumInstanceCount",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.\n\n@param
maximumInstanceCount The new value for the MaximumInstanceCount property for this object.",
"setterMethodName" : "setMaximumInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maximumInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maximumInstanceCount",
  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "InstanceCountLimits",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,

```

```

    "resultWrapper" : null
  },
  "variable" : {
    "variableDeclarationType" : "InstanceCountLimits",
    "variableName" : "instanceCountLimits",
    "variableType" : "InstanceCountLimits",
    "documentation" : null,
    "simpleType" : "InstanceCountLimits",
    "variableSetterType" : "InstanceCountLimits"
  },
  "wrapper" : false
},
"InstanceLimits" : {
  "c2jName" : "InstanceLimits",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>InstanceLimits represents the list of instance related attributes that are available for given InstanceType. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getInstanceCountLimits",
    "beanStyleSetterMethodName" : "setInstanceCountLimits",
    "c2jName" : "InstanceCountLimits",
    "c2jShape" : "InstanceCountLimits",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\nThis is a convenience that creates an instance of the { @link InstanceCountLimits.Builder} avoiding the need to create one manually via { @link InstanceCountLimits#builder()}. \n\nWhen the { @link Consumer} completes, { @link InstanceCountLimits.Builder#build()} is called immediately and its result is passed to { @link #instanceCountLimits(InstanceCountLimits)}. \n@param instanceCountLimits a consumer that will call methods on { @link InstanceCountLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #instanceCountLimits(InstanceCountLimits)",
  } ]
}

```

```

"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceCountLimits",
"fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param
instanceCountLimits The new value for the InstanceCountLimits property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "instanceCountLimits",
"getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.\n@return The
value of the InstanceCountLimits property for this object.",
"getterModel" : {
  "returnType" : "InstanceCountLimits",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCountLimits",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceCountLimits",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceCountLimits",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param
instanceCountLimits The new value for the InstanceCountLimits property for this object.",
"setterMethodName" : "setInstanceCountLimits",

```



```

"setterModel" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : "",
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "InstanceCountLimits" : {
    "beanStyleGetterMethodName" : "getInstanceCountLimits",
    "beanStyleSetterMethodName" : "setInstanceCountLimits",
    "c2jName" : "InstanceCountLimits",
    "c2jShape" : "InstanceCountLimits",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\nThis is a convenience that creates an instance of the { @link InstanceCountLimits.Builder} avoiding the need to create one manually via { @link InstanceCountLimits.Builder}.\n\nWhen the { @link Consumer} completes, { @link InstanceCountLimits.Builder#build()} is called immediately and its result is passed to { @link #instanceCountLimits(InstanceCountLimits)}.\n@param instanceCountLimits a consumer that will call methods on { @link InstanceCountLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #instanceCountLimits(InstanceCountLimits)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "instanceCountLimits",
    "fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param instanceCountLimits The new value for the InstanceCountLimits property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "instanceCountLimits",
    "getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.\n@return The value of the InstanceCountLimits property for this object.",

```

```

"getterModel" : {
  "returnType" : "InstanceCountLimits",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCountLimits",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceCountLimits",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceCountLimits",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param
instanceCountLimits The new value for the InstanceCountLimits property for this object.",
"setterMethodName" : "setInstanceCountLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : ""
}

```

```

    "simpleType" : "InstanceCountLimits",
    "variableSetterType" : "InstanceCountLimits"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getInstanceCountLimits",
  "beanStyleSetterMethodName" : "setInstanceCountLimits",
  "c2jName" : "InstanceCountLimits",
  "c2jShape" : "InstanceCountLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this
object.\n\nThis is a convenience that creates an instance of the { @link InstanceCountLimits.Builder} avoiding the
need to create one manually via { @link InstanceCountLimits#builder()}. \n\nWhen the { @link Consumer}
completes, { @link InstanceCountLimits.Builder#build()} is called immediately and its result is passed to { @link
#instanceCountLimits(InstanceCountLimits)}. \n@param instanceCountLimits a consumer that will call methods on
{ @link InstanceCountLimits.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #instanceCountLimits(InstanceCountLimits)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceCountLimits",
  "fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param
instanceCountLimits The new value for the InstanceCountLimits property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "instanceCountLimits",
  "getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.\n@return The
value of the InstanceCountLimits property for this object.",
  "getterModel" : {
    "returnType" : "InstanceCountLimits",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCountLimits",

```

```

    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "InstanceCountLimits",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "InstanceCountLimits",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param
instanceCountLimits The new value for the InstanceCountLimits property for this object.",
  "setterMethodName" : "setInstanceCountLimits",
  "setterModel" : {
    "variableDeclarationType" : "InstanceCountLimits",
    "variableName" : "instanceCountLimits",
    "variableType" : "InstanceCountLimits",
    "documentation" : null,
    "simpleType" : "InstanceCountLimits",
    "variableSetterType" : "InstanceCountLimits"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "InstanceCountLimits",
    "variableName" : "instanceCountLimits",
    "variableType" : "InstanceCountLimits",
    "documentation" : "",
    "simpleType" : "InstanceCountLimits",
    "variableSetterType" : "InstanceCountLimits"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "InstanceLimits",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {

```

```

"variableDeclarationType" : "InstanceLimits",
"variableName" : "instanceLimits",
"variableType" : "InstanceLimits",
"documentation" : null,
"simpleType" : "InstanceLimits",
"variableSetterType" : "InstanceLimits"
},
"wrapper" : false
},
"InternalException" : {
"c2jName" : "InternalException",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : "InternalException",
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : 500,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "InternalException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
"variableDeclarationType" : "InternalException",
"variableName" : "internalException",
"variableType" : "InternalException",
"documentation" : null,
"simpleType" : "InternalException",

```

```

    "variableSetterType" : "InternalException"
  },
  "wrapper" : false
},
"InvalidTypeException" : {
  "c2jName" : "InvalidTypeException",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>An exception for trying to create or access sub-resource that is either invalid or not supported. Gives http status code of 409.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : "InvalidTypeException",
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : 409,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "InvalidTypeException",
  "simpleMethod" : false,
  "unmarshaller" : null,
  "variable" : {
    "variableDeclarationType" : "InvalidTypeException",
    "variableName" : "invalidTypeException",
    "variableType" : "InvalidTypeException",
    "documentation" : null,
    "simpleType" : "InvalidTypeException",
    "variableSetterType" : "InvalidTypeException"
  },
  "wrapper" : false
},
"LimitExceededException" : {

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"c2jName" : "LimitExceededException",
"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : "LimitExceededException",
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : 409,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LimitExceededException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "LimitExceededException",
  "variableName" : "limitExceededException",
  "variableType" : "LimitExceededException",
  "documentation" : null,
  "simpleType" : "LimitExceededException",
  "variableSetterType" : "LimitExceededException"
},
"wrapper" : false
},
"Limits" : {
  "c2jName" : "Limits",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,

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    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Limits for given InstanceType and for each of it's role. <br/> Limits contains following
<code> <a>StorageTypes,</a> </code> <code> <a>InstanceLimits</a> </code> and <code>
<a>AdditionalLimits</a> </code> </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getStorageTypes",
    "beanStyleSetterMethodName" : "setStorageTypes",
    "c2jName" : "StorageTypes",
    "c2jShape" : "StorageTypeList",
    "defaultConsumerFluentSetterDocumentation" : "<p>StorageType represents the list of storage related types
and attributes that are available for given InstanceType. </p>\nThis is a convenience that creates an instance of the
{ @link List<StorageType>.Builder} avoiding the need to create one manually via { @link
List<StorageType>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<StorageType>.Builder#build()} is called immediately and its result is passed to { @link
#storageTypes(List<StorageType>)}.\n@param storageTypes a consumer that will call methods on { @link
List<StorageType>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #storageTypes(List<StorageType>)",
    "deprecated" : false,
    "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available
for given InstanceType. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "storageTypes",
    "fluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that
are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related
types and attributes that are available for given InstanceType.\n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "storageTypes",
    "getterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are

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available for given InstanceType. </p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return StorageType represents the list of storage related types and attributes that are available for given InstanceType.",

```
"getterModel" : {
  "returnType" : "java.util.List<StorageType>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypes",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypes",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "StorageType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageType.Builder} avoiding the need to
create one manually via { @link StorageType#builder()}. \n\nWhen the { @link Consumer} completes, { @link
StorageType.Builder#build()} is called immediately and its result is passed to { @link
#member(StorageType)}. \n@param member a consumer that will call methods on { @link
StorageType.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(StorageType)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
```

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    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "StorageType",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "StorageType",
        "variableName" : "member",
        "variableType" : "StorageType",
        "documentation" : null,
        "simpleType" : "StorageType",

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    "variableSetterType" : "StorageType"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "StorageType",
    "variableName" : "member",
    "variableType" : "StorageType",
    "documentation" : "",
    "simpleType" : "StorageType",
    "variableSetterType" : "StorageType"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypes",
"sensitive" : false,
"setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.",
"setterMethodName" : "setStorageTypes",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",
  "variableType" : "java.util.List<StorageType>",
  "documentation" : null,
  "simpleType" : "List<StorageType>",
  "variableSetterType" : "java.util.Collection<StorageType>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",
  "variableType" : "java.util.List<StorageType>",
  "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available

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for given InstanceType. </p>",
  "simpleType" : "List<StorageType>",
  "variableSetterType" : "java.util.Collection<StorageType>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getInstanceLimits",
  "beanStyleSetterMethodName" : "setInstanceLimits",
  "c2jName" : "InstanceLimits",
  "c2jShape" : "InstanceLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this
object.\n\nThis is a convenience that creates an instance of the { @link InstanceLimits.Builder} avoiding the need to
create one manually via { @link InstanceLimits#builder()}. \n\nWhen the { @link Consumer} completes, { @link
InstanceLimits.Builder#build()} is called immediately and its result is passed to { @link
#instanceLimits(InstanceLimits)}. \n@param instanceLimits a consumer that will call methods on { @link
InstanceLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #instanceLimits(InstanceLimits)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceLimits",
  "fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "instanceLimits",
  "getterDocumentation" : "Returns the value of the InstanceLimits property for this object.\n@return The value
of the InstanceLimits property for this object.",
  "getterModel" : {
    "returnType" : "InstanceLimits",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceLimits",
  "queryString" : false,

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"statusCode" : false,
"unmarshallLocationName" : "InstanceLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceLimits",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.",
"setterMethodName" : "setInstanceLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : null,
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : "",
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAdditionalLimits",
  "beanStyleSetterMethodName" : "setAdditionalLimits",
  "c2jName" : "AdditionalLimits",
  "c2jShape" : "AdditionalLimitList",
  "defaultConsumerFluentSetterDocumentation" : "<p> List of additional limits that are specific to a given
InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . </p>\nThis is a convenience that creates an
instance of the { @link List<AdditionalLimit>.Builder } avoiding the need to create one manually via { @link
List<AdditionalLimit>#builder()}. \n\nWhen the { @link Consumer } completes, { @link
List<AdditionalLimit>.Builder#build()} is called immediately and its result is passed to { @link
#additionalLimits(List<AdditionalLimit>)}. \n@param additionalLimits a consumer that will call methods on
{ @link List<AdditionalLimit>.Builder} \n@return Returns a reference to this object so that method calls can be

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chained together.\n@see #additionalLimits(List<AdditionalLimit>)",
  "deprecated" : false,
  "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's
<code> <a>InstanceRole</a> </code> . </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "additionalLimits",
  "fluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for
each of it's <code> <a>InstanceRole</a> </code> . </p>\n@param additionalLimits List of additional limits that are
specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .\n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "additionalLimits",
  "getterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of
it's <code> <a>InstanceRole</a> </code> . </p>\n<p>\nAttempts to modify the collection returned by this method
will result in an UnsupportedOperationException.\n</p>\n@return List of additional limits that are specific to a
given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .",
  "getterModel" : {
    "returnType" : "java.util.List<AdditionalLimit>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AdditionalLimits",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AdditionalLimits",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {

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"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "AdditionalLimit",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link AdditionalLimit.Builder} avoiding the need
to create one manually via { @link AdditionalLimit#builder()}. \n\nWhen the { @link Consumer} completes, { @link
AdditionalLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(AdditionalLimit)}. \n@param member a consumer that will call methods on { @link
AdditionalLimit.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(AdditionalLimit)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "AdditionalLimit",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "AdditionalLimit",
  "variableName" : "member",
  "variableType" : "AdditionalLimit",
  "documentation" : null,
  "simpleType" : "AdditionalLimit",
  "variableSetterType" : "AdditionalLimit"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AdditionalLimit",
  "variableName" : "member",
  "variableType" : "AdditionalLimit",
  "documentation" : "",
  "simpleType" : "AdditionalLimit",
  "variableSetterType" : "AdditionalLimit"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "AdditionalLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "AdditionalLimit",
"templateImplType" : "java.util.ArrayList<AdditionalLimit>",
"templateType" : "java.util.List<AdditionalLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AdditionalLimits",
"sensitive" : false,
"setterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of
it's <code> <a>InstanceRole</a> </code> . </p>\n@param additionalLimits List of additional limits that are specific

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to a given InstanceType and for each of its <code> <a>InstanceRole</a> </code> .",
  "setterMethodName" : "setAdditionalLimits",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<AdditionalLimit>",
    "variableName" : "additionalLimits",
    "variableType" : "java.util.List<AdditionalLimit>",
    "documentation" : null,
    "simpleType" : "List<AdditionalLimit>",
    "variableSetterType" : "java.util.Collection<AdditionalLimit>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<AdditionalLimit>",
    "variableName" : "additionalLimits",
    "variableType" : "java.util.List<AdditionalLimit>",
    "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of its
<code> <a>InstanceRole</a> </code> . </p>",
    "simpleType" : "List<AdditionalLimit>",
    "variableSetterType" : "java.util.Collection<AdditionalLimit>"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "AdditionalLimits" : {
    "beanStyleGetterMethodName" : "getAdditionalLimits",
    "beanStyleSetterMethodName" : "setAdditionalLimits",
    "c2jName" : "AdditionalLimits",
    "c2jShape" : "AdditionalLimitList",
    "defaultConsumerFluentSetterDocumentation" : "<p> List of additional limits that are specific to a given
InstanceType and for each of its <code> <a>InstanceRole</a> </code> . </p>\nThis is a convenience that creates an
instance of the { @link List<AdditionalLimit>.Builder} avoiding the need to create one manually via { @link
List<AdditionalLimit>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<AdditionalLimit>.Builder#build()} is called immediately and its result is passed to { @link
#additionalLimits(List<AdditionalLimit>)}. \n@param additionalLimits a consumer that will call methods on
{ @link List<AdditionalLimit>.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #additionalLimits(List<AdditionalLimit>)",
    "deprecated" : false,
    "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of its
<code> <a>InstanceRole</a> </code> . </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "additionalLimits",
    "fluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for

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each of it's `<a>InstanceRole` .
@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's `<a>InstanceRole` .
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "additionalLimits",

"getterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's `<a>InstanceRole` . </p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of additional limits that are specific to a given InstanceType and for each of it's `<a>InstanceRole` .",

"getterModel" : {

"returnType" : "java.util.List<AdditionalLimit>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "AdditionalLimits",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "AdditionalLimits",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {

"implType" : "java.util.ArrayList",

"interfaceType" : "java.util.List",

"listMemberModel" : {

"beanStyleGetterMethodName" : "getMember",

"beanStyleSetterMethodName" : "setMember",

"c2jName" : "member",

"c2jShape" : "AdditionalLimit",

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link AdditionalLimit.Builder} avoiding the need to create one manually via { @link AdditionalLimit#builder()}. \n\nWhen the { @link Consumer} completes, { @link AdditionalLimit.Builder#build()} is called immediately and its result is passed to { @link #member(AdditionalLimit)}. \n\n@param member a consumer that will call methods on { @link AdditionalLimit.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(AdditionalLimit)",

"deprecated" : false,

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"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "AdditionalLimit",
  "documentation" : null
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"http" : {
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  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {

```

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    "variableDeclarationType" : "AdditionalLimit",
    "variableName" : "member",
    "variableType" : "AdditionalLimit",
    "documentation" : null,
    "simpleType" : "AdditionalLimit",
    "variableSetterType" : "AdditionalLimit"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "member",
    "variableType" : "AdditionalLimit",
    "documentation" : "",
    "simpleType" : "AdditionalLimit",
    "variableSetterType" : "AdditionalLimit"
  },
  "xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "AdditionalLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "AdditionalLimit",
"templateImplType" : "java.util.ArrayList<AdditionalLimit>",
"templateType" : "java.util.List<AdditionalLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AdditionalLimits",
"sensitive" : false,
"setterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of
it's <code> <a>InstanceRole</a> </code> . </p>\n@param additionalLimits List of additional limits that are specific
to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .",
"setterMethodName" : "setAdditionalLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<AdditionalLimit>",
  "variableName" : "additionalLimits",
  "variableType" : "java.util.List<AdditionalLimit>",
  "documentation" : null,
  "simpleType" : "List<AdditionalLimit>",
  "variableSetterType" : "java.util.Collection<AdditionalLimit>"
},
"simple" : false,
"timestampFormat" : null,

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"variable" : {
  "variableDeclarationType" : "java.util.List<AdditionalLimit>",
  "variableName" : "additionalLimits",
  "variableType" : "java.util.List<AdditionalLimit>",
  "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's
<code> <a>InstanceRole</a> </code> . </p>",
  "simpleType" : "List<AdditionalLimit>",
  "variableSetterType" : "java.util.Collection<AdditionalLimit>"
},
"xmlNamespaceUri" : null
},
"InstanceLimits" : {
  "beanStyleGetterMethodName" : "getInstanceLimits",
  "beanStyleSetterMethodName" : "setInstanceLimits",
  "c2jName" : "InstanceLimits",
  "c2jShape" : "InstanceLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this
object.\n\nThis is a convenience that creates an instance of the { @link InstanceLimits.Builder} avoiding the need to
create one manually via { @link InstanceLimits#builder()}. \n\nWhen the { @link Consumer} completes, { @link
InstanceLimits.Builder#build()} is called immediately and its result is passed to { @link
#instanceLimits(InstanceLimits)}. \n@param instanceLimits a consumer that will call methods on { @link
InstanceLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #instanceLimits(InstanceLimits)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceLimits",
  "fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "instanceLimits",
  "getterDocumentation" : "Returns the value of the InstanceLimits property for this object.\n@return The value
of the InstanceLimits property for this object.",
  "getterModel" : {
    "returnType" : "InstanceLimits",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

```

```

    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "InstanceLimits",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "InstanceLimits",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "InstanceLimits",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.",
  "setterMethodName" : "setInstanceLimits",
  "setterModel" : {
    "variableDeclarationType" : "InstanceLimits",
    "variableName" : "instanceLimits",
    "variableType" : "InstanceLimits",
    "documentation" : null,
    "simpleType" : "InstanceLimits",
    "variableSetterType" : "InstanceLimits"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "InstanceLimits",
    "variableName" : "instanceLimits",
    "variableType" : "InstanceLimits",
    "documentation" : "",
    "simpleType" : "InstanceLimits",
    "variableSetterType" : "InstanceLimits"
  },
  "xmlNamespaceUri" : null
},
"StorageTypes" : {
  "beanStyleGetterMethodName" : "getStorageTypes",
  "beanStyleSetterMethodName" : "setStorageTypes",
  "c2jName" : "StorageTypes",
  "c2jShape" : "StorageTypeList",

```

```

"defaultConsumerFluentSetterDocumentation" : "<p>StorageType represents the list of storage related types
and attributes that are available for given InstanceType. </p>\nThis is a convenience that creates an instance of the
{ @link List<StorageType>.Builder} avoiding the need to create one manually via { @link
List<StorageType>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<StorageType>.Builder#build()} is called immediately and its result is passed to { @link
#storageTypes(List<StorageType>)}. \n@param storageTypes a consumer that will call methods on { @link
List<StorageType>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #storageTypes(List<StorageType>)",
"deprecated" : false,
"documentation" : "<p>StorageType represents the list of storage related types and attributes that are available
for given InstanceType. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypes",
"fluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that
are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related
types and attributes that are available for given InstanceType. \n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "storageTypes",
"getterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are
available for given InstanceType. </p>\n<p>\nAttempts to modify the collection returned by this method will result
in an UnsupportedOperationException. \n</p>\n@return StorageType represents the list of storage related types and
attributes that are available for given InstanceType.",
"getterModel" : {
  "returnType" : "java.util.List<StorageType>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypes",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypes",
  "uri" : false
},
"idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "StorageType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageType.Builder} avoiding the need to
create one manually via { @link StorageType#builder()}. \n\nWhen the { @link Consumer} completes, { @link
StorageType.Builder#build()} is called immediately and its result is passed to { @link
#member(StorageType)}. \n@param member a consumer that will call methods on { @link
StorageType.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(StorageType)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "StorageType",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",

```



```

    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "StorageType",
    "variableName" : "member",
    "variableType" : "StorageType",
    "documentation" : null,
    "simpleType" : "StorageType",
    "variableSetterType" : "StorageType"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "StorageType",
    "variableName" : "member",
    "variableType" : "StorageType",
    "documentation" : "",
    "simpleType" : "StorageType",
    "variableSetterType" : "StorageType"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>"
},

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```

"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypes",
"sensitive" : false,
"setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are
available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related
types and attributes that are available for given InstanceType.",
"setterMethodName" : "setStorageTypes",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",
  "variableType" : "java.util.List<StorageType>",
  "documentation" : null,
  "simpleType" : "List<StorageType>",
  "variableSetterType" : "java.util.Collection<StorageType>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",
  "variableType" : "java.util.List<StorageType>",
  "documentation" : "<p>StorageType represents the list of storage related types and attributes that are
available for given InstanceType. </p>",
  "simpleType" : "List<StorageType>",
  "variableSetterType" : "java.util.Collection<StorageType>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getStorageTypes",
  "beanStyleSetterMethodName" : "setStorageTypes",
  "c2jName" : "StorageTypes",
  "c2jShape" : "StorageTypeList",
  "defaultConsumerFluentSetterDocumentation" : "<p>StorageType represents the list of storage related types
and attributes that are available for given InstanceType. </p>\nThis is a convenience that creates an instance of the
{ @link List<StorageType>.Builder} avoiding the need to create one manually via { @link
List<StorageType>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<StorageType>.Builder#build()} is called immediately and its result is passed to { @link
#storageTypes(List<StorageType>)}. \n@param storageTypes a consumer that will call methods on { @link
List<StorageType>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #storageTypes(List<StorageType>)",
  "deprecated" : false,
  "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available
for given InstanceType. </p>",
  "endpointDiscoveryId" : false,

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypes",
"fluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that
are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related
types and attributes that are available for given InstanceType.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "storageTypes",
"getterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are
available for given InstanceType. </p>\n<p>\nAttempts to modify the collection returned by this method will result
in an UnsupportedOperationException.\n</p>\n@return StorageType represents the list of storage related types and
attributes that are available for given InstanceType.",
"getterModel" : {
  "returnType" : "java.util.List<StorageType>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypes",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypes",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "StorageType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this

```

object.
This is a convenience that creates an instance of the `{ @link StorageType.Builder }` avoiding the need to create one manually via `{ @link StorageType#builder() }`.
When the `{ @link Consumer }` completes, `{ @link StorageType.Builder#build() }` is called immediately and its result is passed to `{ @link #member(StorageType) }`.
@param member a consumer that will call methods on `{ @link StorageType.Builder }`
@return Returns a reference to this object so that method calls can be chained together.
@see #member(StorageType)",

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"deprecated" : false,
"documentation" : "",
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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.  
The new value for the Member property for this object.  
@param member  
@return Returns a reference to this object so that method calls can be chained together.",
```

```
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.  
@return The value of the Member property for this object.",
```

```
"getterModel" : {
  "returnType" : "StorageType",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
```

```

"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : "",
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypes",
"sensitive" : false,
"setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are
available for given InstanceType. </p>\n\n@param storageTypes StorageType represents the list of storage related
types and attributes that are available for given InstanceType.",
"setterMethodName" : "setStorageTypes",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",

```

```

    "variableType" : "java.util.List<StorageType>",
    "documentation" : null,
    "simpleType" : "List<StorageType>",
    "variableSetterType" : "java.util.Collection<StorageType>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<StorageType>",
    "variableName" : "storageTypes",
    "variableType" : "java.util.List<StorageType>",
    "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available
for given InstanceType. </p>",
    "simpleType" : "List<StorageType>",
    "variableSetterType" : "java.util.Collection<StorageType>"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getInstanceLimits",
  "beanStyleSetterMethodName" : "setInstanceLimits",
  "c2jName" : "InstanceLimits",
  "c2jShape" : "InstanceLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this
object.\n\nThis is a convenience that creates an instance of the { @link InstanceLimits.Builder} avoiding the need to
create one manually via { @link InstanceLimits#builder()}. \n\nWhen the { @link Consumer} completes, { @link
InstanceLimits.Builder#build()} is called immediately and its result is passed to { @link
#instanceLimits(InstanceLimits)}. \n@param instanceLimits a consumer that will call methods on { @link
InstanceLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #instanceLimits(InstanceLimits)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceLimits",
  "fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "instanceLimits",
  "getterDocumentation" : "Returns the value of the InstanceLimits property for this object.\n@return The value
of the InstanceLimits property for this object.",
  "getterModel" : {
    "returnType" : "InstanceLimits",
    "documentation" : null
  },
  },

```

```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceLimits",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceLimits",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceLimits",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.",
"setterMethodName" : "setInstanceLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : null,
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : "",
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"xmlNamespaceUri" : null

```

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}, {
  "beanStyleGetterMethodName" : "getAdditionalLimits",
  "beanStyleSetterMethodName" : "setAdditionalLimits",
  "c2jName" : "AdditionalLimits",
  "c2jShape" : "AdditionalLimitList",
  "defaultConsumerFluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . </p>\nThis is a convenience that creates an instance of the { @link List<AdditionalLimit>.Builder } avoiding the need to create one manually via { @link List<AdditionalLimit>#builder() }. \n\nWhen the { @link Consumer } completes, { @link List<AdditionalLimit>.Builder#build() } is called immediately and its result is passed to { @link #additionalLimits(List<AdditionalLimit>) }. \n@param additionalLimits a consumer that will call methods on { @link List<AdditionalLimit>.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #additionalLimits(List<AdditionalLimit>)",
  "deprecated" : false,
  "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "additionalLimits",
  "fluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . </p>\n@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "additionalLimits",
  "getterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . </p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n@return List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .",
  "getterModel" : {
    "returnType" : "java.util.List<AdditionalLimit>",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdditionalLimits",
  "queryString" : false,

```



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"statusCode" : false,
"unmarshallLocationName" : "AdditionalLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "AdditionalLimit",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link AdditionalLimit.Builder} avoiding the need
to create one manually via { @link AdditionalLimit.Builder}. \n\nWhen the { @link Consumer} completes, { @link
AdditionalLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(AdditionalLimit)}. \n@param member a consumer that will call methods on { @link
AdditionalLimit.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(AdditionalLimit)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "AdditionalLimit",
      "documentation" : null
    }
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

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    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "AdditionalLimit",
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    "variableType" : "AdditionalLimit",
    "documentation" : null,
    "simpleType" : "AdditionalLimit",
    "variableSetterType" : "AdditionalLimit"
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  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "member",
    "variableType" : "AdditionalLimit",
    "documentation" : "",
    "simpleType" : "AdditionalLimit",
    "variableSetterType" : "AdditionalLimit"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "AdditionalLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,

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    "simple" : false,
    "simpleType" : "AdditionalLimit",
    "templateImplType" : "java.util.ArrayList<AdditionalLimit>",
    "templateType" : "java.util.List<AdditionalLimit>"
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  "map" : false,
  "mapModel" : null,
  "marshallingType" : "LIST",
  "name" : "AdditionalLimits",
  "sensitive" : false,
  "setterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of
it's <code> <a>InstanceRole</a> </code> . </p>\n@param additionalLimits List of additional limits that are specific
to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .",
  "setterMethodName" : "setAdditionalLimits",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<AdditionalLimit>",
    "variableName" : "additionalLimits",
    "variableType" : "java.util.List<AdditionalLimit>",
    "documentation" : null,
    "simpleType" : "List<AdditionalLimit>",
    "variableSetterType" : "java.util.Collection<AdditionalLimit>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<AdditionalLimit>",
    "variableName" : "additionalLimits",
    "variableType" : "java.util.List<AdditionalLimit>",
    "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's
<code> <a>InstanceRole</a> </code> . </p>",
    "simpleType" : "List<AdditionalLimit>",
    "variableSetterType" : "java.util.Collection<AdditionalLimit>"
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  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "Limits",
"simpleMethod" : false,
"unmarshaller" : {
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  "resultWrapper" : null
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"variable" : {
  "variableDeclarationType" : "Limits",
  "variableName" : "limits",
  "variableType" : "Limits",

```

```

    "documentation" : null,
    "simpleType" : "Limits",
    "variableSetterType" : "Limits"
  },
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},
>ListDomainNamesRequest" : {
  "c2jName" : "ListDomainNamesRequest",
  "customization" : {
    "artificialResultWrapper" : null,
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    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : null,
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
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  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "ListDomainNames",
    "locationName" : null,
    "requestUri" : "/2015-01-01/domain",
    "target" : null,
    "verb" : "GET",
    "xmlNamespaceUri" : null
  },
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "ListDomainNamesRequest",
  "simpleMethod" : true,
  "unmarshaller" : null,
  "variable" : {
    "variableDeclarationType" : "ListDomainNamesRequest",
    "variableName" : "listDomainNamesRequest",

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"variableType" : "ListDomainNamesRequest",
"documentation" : null,
"simpleType" : "ListDomainNamesRequest",
"variableSetterType" : "ListDomainNamesRequest"
},
"wrapper" : false
},
"ListDomainNamesResponse" : {
"c2jName" : "ListDomainNamesResponse",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The result of a <code>ListDomainNames</code> operation. Contains the names of all
Elasticsearch domains owned by this account.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getDomainNames",
"beanStyleSetterMethodName" : "setDomainNames",
"c2jName" : "DomainNames",
"c2jShape" : "DomainInfoList",
"defaultConsumerFluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\nThis is a
convenience that creates an instance of the { @link List<DomainInfo>.Builder} avoiding the need to create one
manually via { @link List<DomainInfo>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<DomainInfo>.Builder#build()} is called immediately and its result is passed to { @link
#domainNames(List<DomainInfo>)}. \n@param domainNames a consumer that will call methods on { @link
List<DomainInfo>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #domainNames(List<DomainInfo>)",
"deprecated" : false,
"documentation" : "<p>List of Elasticsearch domain names.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainNames",
"fluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of
Elasticsearch domain names.\n@return Returns a reference to this object so that method calls can be chained
together.",
"fluentSetterMethodName" : "domainNames",
"getterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of
Elasticsearch domain names.",
"getterModel" : {
  "returnType" : "java.util.List<DomainInfo>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainNames",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainNames",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "DomainInfo",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link DomainInfo.Builder} avoiding the need to
create one manually via { @link DomainInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link
DomainInfo.Builder#build()} is called immediately and its result is passed to { @link
#member(DomainInfo)}. \n@param member a consumer that will call methods on { @link

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DomainInfo.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(DomainInfo)",

```
"deprecated" : false,  
"documentation" : "",  
"endpointDiscoveryId" : false,  
"enumType" : null,  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : null,  
"fluentEnumSetterMethodName" : null,  
"fluentGetterMethodName" : "member",  
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member  
The new value for the Member property for this object.\n@return Returns a reference to this object so that method  
calls can be chained together.",  
"fluentSetterMethodName" : "member",  
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of  
the Member property for this object.",  
"getterModel" : {  
  "returnType" : "DomainInfo",  
  "documentation" : null  
},  
"http" : {  
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  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "member",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "member",  
  "uri" : false  
},  
"idempotencyToken" : false,  
"isBinary" : false,  
"jsonValue" : false,  
"list" : false,  
"listModel" : null,  
"map" : false,  
"mapModel" : null,  
"marshallingType" : "SDK_POJO",  
"name" : "Member",  
"sensitive" : false,  
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
```

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value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "DomainInfo",
    "variableName" : "member",
    "variableType" : "DomainInfo",
    "documentation" : null,
    "simpleType" : "DomainInfo",
    "variableSetterType" : "DomainInfo"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "DomainInfo",
    "variableName" : "member",
    "variableType" : "DomainInfo",
    "documentation" : "",
    "simpleType" : "DomainInfo",
    "variableSetterType" : "DomainInfo"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "DomainInfo",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",
"templateType" : "java.util.List<DomainInfo>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"sensitive" : false,
"setterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of
Elasticsearch domain names.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : null,
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>"
},

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"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : "<p>List of Elasticsearch domain names.</p>",
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>"
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"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainNames" : {
    "beanStyleGetterMethodName" : "getDomainNames",
    "beanStyleSetterMethodName" : "setDomainNames",
    "c2jName" : "DomainNames",
    "c2jShape" : "DomainInfoList",
    "defaultConsumerFluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\nThis is a convenience that creates an instance of the { @link List<DomainInfo>.Builder} avoiding the need to create one manually via { @link List<DomainInfo>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<DomainInfo>.Builder#build()} is called immediately and its result is passed to { @link #domainNames(List<DomainInfo>)}. \n@param domainNames a consumer that will call methods on { @link List<DomainInfo>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainNames(List<DomainInfo>)",
    "deprecated" : false,
    "documentation" : "<p>List of Elasticsearch domain names.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainNames",
    "fluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of Elasticsearch domain names. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainNames",
    "getterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return List of Elasticsearch domain names.",
    "getterModel" : {
      "returnType" : "java.util.List<DomainInfo>",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,

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"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainNames",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainNames",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "DomainInfo",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link DomainInfo.Builder} avoiding the need to
create one manually via { @link DomainInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link
DomainInfo.Builder#build()} is called immediately and its result is passed to { @link
#member(DomainInfo)}. \n@param member a consumer that will call methods on { @link
DomainInfo.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(DomainInfo)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {

```

```

    "returnType" : "DomainInfo",
    "documentation" : null
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
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    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
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    "variableName" : "member",
    "variableType" : "DomainInfo",
    "documentation" : null,
    "simpleType" : "DomainInfo",
    "variableSetterType" : "DomainInfo"
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  "simple" : false,
  "timestampFormat" : null,
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    "variableName" : "member",
    "variableType" : "DomainInfo",
    "documentation" : "",
    "simpleType" : "DomainInfo",

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```

    "variableSetterType" : "DomainInfo"
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  "xmlNamespaceUri" : null
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"memberLocationName" : null,
"memberType" : "DomainInfo",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",
"templateType" : "java.util.List<DomainInfo>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"sensitive" : false,
"setterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of
Elasticsearch domain names.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : null,
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : "<p>List of Elasticsearch domain names.</p>",
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainNames",
  "beanStyleSetterMethodName" : "setDomainNames",
  "c2jName" : "DomainNames",
  "c2jShape" : "DomainInfoList",

```

```

"defaultConsumerFluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\nThis is a
convenience that creates an instance of the { @link List<DomainInfo>.Builder} avoiding the need to create one
manually via { @link List<DomainInfo>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<DomainInfo>.Builder#build()} is called immediately and its result is passed to { @link
#domainNames(List<DomainInfo>)}.\n@param domainNames a consumer that will call methods on { @link
List<DomainInfo>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #domainNames(List<DomainInfo>)",
"deprecated" : false,
"documentation" : "<p>List of Elasticsearch domain names.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainNames",
"fluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of
Elasticsearch domain names.\n@return Returns a reference to this object so that method calls can be chained
together.",
"fluentSetterMethodName" : "domainNames",
"getterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of
Elasticsearch domain names.",
"getterModel" : {
  "returnType" : "java.util.List<DomainInfo>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainNames",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainNames",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {

```

```

"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "DomainInfo",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link DomainInfo.Builder} avoiding the need to
create one manually via { @link DomainInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link
DomainInfo.Builder#build()} is called immediately and its result is passed to { @link
#member(DomainInfo)}. \n\n@param member a consumer that will call methods on { @link
DomainInfo.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #member(DomainInfo)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.",
  "getterModel" : {
    "returnType" : "DomainInfo",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  }
}

```

```

    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "DomainInfo",
        "variableName" : "member",
        "variableType" : "DomainInfo",
        "documentation" : null,
        "simpleType" : "DomainInfo",
        "variableSetterType" : "DomainInfo"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "DomainInfo",
        "variableName" : "member",
        "variableType" : "DomainInfo",
        "documentation" : "",
        "simpleType" : "DomainInfo",
        "variableSetterType" : "DomainInfo"
    },
    "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "DomainInfo",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",
"templateType" : "java.util.List<DomainInfo>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",

```

```

"sensitive" : false,
"setterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of
Elasticsearch domain names.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : null,
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : "<p>List of Elasticsearch domain names.</p>",
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListDomainNamesResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ListDomainNamesResponse",
  "variableName" : "listDomainNamesResponse",
  "variableType" : "ListDomainNamesResponse",
  "documentation" : null,
  "simpleType" : "ListDomainNamesResponse",
  "variableSetterType" : "ListDomainNamesResponse"
},
"wrapper" : false
},
"ListElasticsearchInstanceTypesRequest" : {
  "c2jName" : "ListElasticsearchInstanceTypesRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,

```



```

    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for the parameters to the <code> <a>ListElasticsearchInstanceTypes</a>
</code> operation. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "ListElasticsearchInstanceTypes",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/instanceTypes/{ElasticsearchVersion}",
    "target" : null,
    "verb" : "GET",
    "xmlNamespaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getElasticsearchVersion",
    "beanStyleSetterMethodName" : "setElasticsearchVersion",
    "c2jName" : "ElasticsearchVersion",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#elasticsearchVersion(String)",
    "deprecated" : false,
    "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchVersion",

```

"fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "elasticsearchVersion",

"getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>\n@return Version of Elasticsearch for which list of supported elasticsearch instance types are needed.",

"getterModel" : {
 "returnType" : "String",
 "documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : true

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "ElasticsearchVersion",

"sensitive" : false,

"setterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.",

"setterMethodName" : "setElasticsearchVersion",

"setterModel" : {

"variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",

```

    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types
when modifying existing domain. </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for list of available Elasticsearch instance types when
modifying existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types
when modifying existing domain. \n@return Returns a reference to this object so that method calls can be chained
together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for list of available Elasticsearch instance types when modifying
existing domain. </p>\n@return DomainName represents the name of the Domain that we are trying to modify. This

```

should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "domainName",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "domainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
```

"setterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.",

```
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
```

```

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 30 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 30 else it wont be honored. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 30 else it wont be honored. \n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "maxResults",
  "getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 30 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value
provided must be greater than 30 else it wont be honored.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,

```

```

    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "maxResults",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "maxResults",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "MaxResults",
  "sensitive" : false,
  "setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.",
  "setterMethodName" : "setMaxResults",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "maxResults",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "maxResults",
    "variableType" : "Integer",
    "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
}, {

```

```

"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination. </p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#nextToken(String)",
"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination. \n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false

```

```

    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "NextToken",
    "sensitive" : false,
    "setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
    "setterMethodName" : "setNextToken",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "nextToken",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "nextToken",
        "variableType" : "String",
        "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
    "DomainName" : {
        "beanStyleGetterMethodName" : "getDomainName",
        "beanStyleSetterMethodName" : "setDomainName",
        "c2jName" : "DomainName",
        "c2jShape" : "DomainName",
        "defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that
we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance
types when modifying existing domain. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link

```



```
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#domainName(String)",
    "deprecated" : false,
    "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for list of available Elasticsearch instance types when
modifying existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types
when modifying existing domain.\n@return Returns a reference to this object so that method calls can be chained
together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for list of available Elasticsearch instance types when modifying
existing domain. </p>\n@return DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : "querystring",
        "marshallLocation" : "QUERY_PARAM",
        "marshallLocationName" : "domainName",
        "queryString" : true,
        "statusCode" : false,
        "unmarshallLocationName" : "domainName",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
```

```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for list of available Elasticsearch instance types when modifying
existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying
to modify. This should be present only if we are querying for list of available Elasticsearch instance types when
modifying existing domain.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ElasticsearchVersion" : {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#elasticsearchVersion(String)",
  "deprecated" : false,

```

```

"documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance
types are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported
elasticsearch instance types are needed.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types
are needed. </p>\n@return Version of Elasticsearch for which list of supported elasticsearch instance types are
needed.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"sensitive" : false,
"setterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types

```

are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.",

```
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"MaxResults" : {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 30 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 30 else it wont be honored. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
```

returned. Value provided must be greater than 30 else it wont be honored.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "maxResults",
```

"getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.",

```
"getterModel" : {  
  "returnType" : "Integer",  
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : "querystring",  
  "marshallLocation" : "QUERY_PARAM",  
  "marshallLocationName" : "maxResults",  
  "queryString" : true,  
  "statusCode" : false,  
  "unmarshallLocationName" : "maxResults",  
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "INTEGER",
```

```
"name" : "MaxResults",
```

```
"sensitive" : false,
```

"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.",

```
"setterMethodName" : "setMaxResults",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "Integer",  
  "variableName" : "maxResults",  
  "variableType" : "Integer",  
  "documentation" : null,  
  "simpleType" : "Integer",  
  "variableSetterType" : "Integer"
```

```
},
```

```

"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 30 else it wont be honored. </p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"NextToken" : {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination. </p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination. \n@return Returns a reference to
this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {

```

```

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},

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    "xmlNamespaceUri" : null
  }
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#elasticsearchVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance
types are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. \n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "elasticsearchVersion",
  "getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types
are needed. </p>\n@return Version of Elasticsearch for which list of supported elasticsearch instance types are
needed.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "ElasticsearchVersion",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchVersion",
    "uri" : true
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ElasticsearchVersion",
  "sensitive" : false,
  "setterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types
are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch
instance types are needed.",
  "setterMethodName" : "setElasticsearchVersion",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types
when modifying existing domain. </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,

```

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    { @link String.Builder#build() } is called immediately and its result is passed to { @link
    #domainName(String)}.
    @param domainName a consumer that will call methods on { @link
    String.Builder}
    @return Returns a reference to this object so that method calls can be chained together.
    @see
    #domainName(String)",
    "deprecated" : false,
    "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This
    should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
    domain. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to
    modify. This should be present only if we are querying for list of available Elasticsearch instance types when
    modifying existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we
    are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types
    when modifying existing domain.\n@return Returns a reference to this object so that method calls can be chained
    together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify.
    This should be present only if we are querying for list of available Elasticsearch instance types when modifying
    existing domain. </p>\n@return DomainName represents the name of the Domain that we are trying to modify. This
    should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
    domain.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : "querystring",
        "marshallLocation" : "QUERY_PARAM",
        "marshallLocationName" : "domainName",
        "queryString" : true,
        "statusCode" : false,
        "unmarshallLocationName" : "domainName",
        "uri" : false
    },
    "idempotencyToken" : false,

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```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for list of available Elasticsearch instance types when modifying
existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying
to modify. This should be present only if we are querying for list of available Elasticsearch instance types when
modifying existing domain.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 30 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",

```

```

    "deprecated" : false,
    "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 30 else it wont be honored. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "maxResults",
    "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 30 else it wont be honored.\n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "maxResults",
    "getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 30 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value
provided must be greater than 30 else it wont be honored.",
    "getterModel" : {
        "returnType" : "Integer",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : "querystring",
        "marshallLocation" : "QUERY_PARAM",
        "marshallLocationName" : "maxResults",
        "queryString" : true,
        "statusCode" : false,
        "unmarshallLocationName" : "maxResults",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "INTEGER",
    "name" : "MaxResults",
    "sensitive" : false,

```

```

"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 30 else it wont be honored.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 30 else it wont be honored. </p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination. </p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if

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earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "nextToken",
```

```
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>\n@return NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
```

```
"getterModel" : {  
  "returnType" : "String",  
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : "querystring",  
  "marshallLocation" : "QUERY_PARAM",  
  "marshallLocationName" : "nextToken",  
  "queryString" : true,  
  "statusCode" : false,  
  "unmarshallLocationName" : "nextToken",  
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "NextToken",
```

```
"sensitive" : false,
```

```
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
```

```
"setterMethodName" : "setNextToken",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "String",
```

```
  "variableName" : "nextToken",
```

```
  "variableType" : "String",
```

```
  "documentation" : null,
```

```
  "simpleType" : "String",
```

```
  "variableSetterType" : "String"
```

```
},
```

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"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ElasticsearchVersion" ],
"shapeName" : "ListElasticsearchInstanceTypesRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "ListElasticsearchInstanceTypesRequest",
  "variableName" : "listElasticsearchInstanceTypesRequest",
  "variableType" : "ListElasticsearchInstanceTypesRequest",
  "documentation" : null,
  "simpleType" : "ListElasticsearchInstanceTypesRequest",
  "variableSetterType" : "ListElasticsearchInstanceTypesRequest"
},
"wrapper" : false
},
"ListElasticsearchInstanceTypesResponse" : {
  "c2jName" : "ListElasticsearchInstanceTypesResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for the parameters returned by <code>
<a>ListElasticsearchInstanceTypes</a> </code> operation. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,

```

```

"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypesAsStrings",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceTypesWithStrings",
  "c2jName" : "ElasticsearchInstanceTypes",
  "c2jShape" : "ElasticsearchInstanceTypeList",
  "defaultConsumerFluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch
service for given <code> <a>ElasticsearchVersion</a> </code> </p>\nThis is a convenience that creates an instance
of the { @link List<String>.Builder} avoiding the need to create one manually via { @link
List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is
called immediately and its result is passed to { @link
#elasticsearchInstanceTypesAsStrings(List<String>)}. \n@param elasticsearchInstanceTypes a consumer that will
call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can
be chained together. \n@see #elasticsearchInstanceTypesWithStrings(List<String>)",
  "deprecated" : false,
  "documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion</a> </code> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "elasticsearchInstanceTypes",
  "fluentEnumSetterMethodName" : "elasticsearchInstanceTypes",
  "fluentGetterMethodName" : "elasticsearchInstanceTypesAsStrings",
  "fluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion</a> </code> </p>\n@param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code>\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchInstanceTypesWithStrings",
  "getterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion</a> </code> </p>\n<p>\nAttempts to modify the collection returned by this
method will result in an UnsupportedOperationException. \n</p>\n@return List of instance types supported by
Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code>",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,

```



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"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchInstanceTypes",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceTypes",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMemberAsString",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ESPartitionInstanceType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#memberAsString(String)}. \n@param member a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : "ESPartitionInstanceType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "member",
    "fluentEnumSetterMethodName" : "member",
    "fluentGetterMethodName" : "memberAsString",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@see ESPartitionInstanceType\n@return Returns a
reference to this object so that method calls can be chained together.\n\n@see ESPartitionInstanceType",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #member} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #memberAsString}. \n\n</p>\n\n@return The value of the Member property for this object.\n\n@see
ESPartitionInstanceType",
    "getterModel" : {
      "returnType" : "String",

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    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n@see ESPartitionInstanceType",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  }

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    },
    "xmlNamespaceUri" : null
  },
  "memberLocationName" : null,
  "memberType" : "String",
  "map" : false,
  "memberAdditionalMarshallingPath" : null,
  "memberAdditionalUnmarshallingPath" : null,
  "simple" : true,
  "simpleType" : "String",
  "templateImplType" : "java.util.ArrayList<String>",
  "templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchInstanceTypes",
"sensitive" : false,
"setterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion</a> </code> </p>\n@param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code>",
"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchInstanceTypes",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchInstanceTypes",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion</a> </code> </p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>In case if there are more results available NextToken

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would be present, make further request to the same API with received NextToken to paginate remaining results.

</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",

"deprecated" : false,

"documentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "nextToken",

"fluentSetterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>\n@param nextToken In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "nextToken",

"getterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>\n@return In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.",

"getterModel" : {
 "returnType" : "String",
 "documentation" : null

},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>\n@param nextToken In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "ElasticsearchInstanceTypes" : {
    "beanStyleGetterMethodName" : "getElasticsearchInstanceTypesAsStrings",
    "beanStyleSetterMethodName" : "setElasticsearchInstanceTypesWithStrings",
    "c2jName" : "ElasticsearchInstanceTypes",
    "c2jShape" : "ElasticsearchInstanceTypeList",
    "defaultConsumerFluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code> </p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchInstanceTypesAsStrings(List<String>)}. \n@param elasticsearchInstanceTypes a consumer that will call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchInstanceTypesWithStrings(List<String>)",

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    "deprecated" : false,
    "documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion</a> </code> </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "elasticsearchInstanceTypes",
    "fluentEnumSetterMethodName" : "elasticsearchInstanceTypes",
    "fluentGetterMethodName" : "elasticsearchInstanceTypesAsStrings",
    "fluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for
given <code> <a>ElasticsearchVersion</a> </code> </p>\n@param elasticsearchInstanceTypes List of instance
types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code>\n@return
Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "elasticsearchInstanceTypesWithStrings",
    "getterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion</a> </code> </p>\n<p>\nAttempts to modify the collection returned by this
method will result in an UnsupportedOperationException.\n</p>\n@return List of instance types supported by
Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code>",
    "getterModel" : {
        "returnType" : "java.util.List<String>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ElasticsearchInstanceTypes",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ElasticsearchInstanceTypes",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,
    "listModel" : {
        "implType" : "java.util.ArrayList",
        "interfaceType" : "java.util.List",
        "listMemberModel" : {
            "beanStyleGetterMethodName" : "getMemberAsString",

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"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#memberAsString(String)}. \n@param member a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#member(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "member",
"fluentEnumSetterMethodName" : "member",
"fluentGetterMethodName" : "memberAsString",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@see ESPartitionInstanceType\n@return Returns a
reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #member} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #memberAsString}. \n</p>\n@return The value of the Member property for this object.\n@see
ESPartitionInstanceType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},

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    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.\n\n@see ESPartitionInstanceType",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchInstanceTypes",
"sensitive" : false,

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"setterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion</a> </code> </p>\n@param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code>",
"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchInstanceTypes",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchInstanceTypes",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion</a> </code> </p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
},
"NextToken" : {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>In case if there are more results available NextToken
would be present, make further request to the same API with received NextToken to paginate remaining results.
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that
will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>In case if there are more results available NextToken would be present, make further
request to the same API with received NextToken to paginate remaining results. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>In case if there are more results available NextToken would be present,

```

make further request to the same API with received NextToken to paginate remaining results. </p>\n@param nextToken In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "nextToken",
```

```
"getterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>\n@return In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.",
```

```
"getterModel" : {
```

```
  "returnType" : "String",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : null,
```

```
  "marshallLocation" : "PAYLOAD",
```

```
  "marshallLocationName" : "NextToken",
```

```
  "queryString" : false,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "NextToken",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "NextToken",
```

```
"sensitive" : false,
```

```
"setterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>\n@param nextToken In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.",
```

```
"setterMethodName" : "setNextToken",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "String",
```

```
  "variableName" : "nextToken",
```

```
  "variableType" : "String",
```

```

    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>In case if there are more results available NextToken would be present, make further
request to the same API with received NextToken to paginate remaining results. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypesAsStrings",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceTypesWithStrings",
  "c2jName" : "ElasticsearchInstanceTypes",
  "c2jShape" : "ElasticsearchInstanceTypeList",
  "defaultConsumerFluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch
service for given <code> <a>ElasticsearchVersion</a> </code> </p>\nThis is a convenience that creates an instance
of the { @link List<String>.Builder} avoiding the need to create one manually via { @link
List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is
called immediately and its result is passed to { @link
#elasticsearchInstanceTypesAsStrings(List<String>)}. \n@param elasticsearchInstanceTypes a consumer that will
call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can
be chained together. \n@see #elasticsearchInstanceTypesWithStrings(List<String>)",
  "deprecated" : false,
  "documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion</a> </code> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "elasticsearchInstanceTypes",
  "fluentEnumSetterMethodName" : "elasticsearchInstanceTypes",
  "fluentGetterMethodName" : "elasticsearchInstanceTypesAsStrings",
  "fluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion</a> </code> </p>\n@param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code>\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchInstanceTypesWithStrings",
  "getterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion</a> </code> </p>\n<p>\nAttempts to modify the collection returned by this

```

method will result in an UnsupportedOperationException.\n</p>\n@return List of instance types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion </code>",

```
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchInstanceTypes",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchInstanceTypes",
  "uri" : false
},
```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
```

```
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMemberAsString",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ESPartitionInstanceType",
```

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #memberAsString(String)}. \n\n@param member a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(String)",

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "member",
```

```

    "fluentEnumSetterMethodName" : "member",
    "fluentGetterMethodName" : "memberAsString",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@see ESPartitionInstanceType\n@return Returns a
reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #member} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #memberAsString}.\n</p>\n@return The value of the Member property for this object.\n@see
ESPartitionInstanceType",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.\n@see ESPartitionInstanceType",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",

```

```

    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchInstanceTypes",
"sensitive" : false,
"setterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion</a> </code> </p>\n@param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code>",
"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchInstanceTypes",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchInstanceTypes",

```

```

    "variableType" : "java.util.List<String>",
    "documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion</a> </code> </p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>In case if there are more results available NextToken
would be present, make further request to the same API with received NextToken to paginate remaining results.
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that
will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>In case if there are more results available NextToken would be present, make further
request to the same API with received NextToken to paginate remaining results. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>In case if there are more results available NextToken would be present,
make further request to the same API with received NextToken to paginate remaining results. </p>\n@param
nextToken In case if there are more results available NextToken would be present, make further request to the same
API with received NextToken to paginate remaining results. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "<p>In case if there are more results available NextToken would be present, make
further request to the same API with received NextToken to paginate remaining results. </p>\n@return In case if
there are more results available NextToken would be present, make further request to the same API with received
NextToken to paginate remaining results.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

```

```

    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NextToken",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NextToken",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "NextToken",
  "sensitive" : false,
  "setterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>\n@param nextToken In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.",
  "setterMethodName" : "setNextToken",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,

```



```

"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListElasticsearchInstanceTypesResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ListElasticsearchInstanceTypesResponse",
  "variableName" : "listElasticsearchInstanceTypesResponse",
  "variableType" : "ListElasticsearchInstanceTypesResponse",
  "documentation" : null,
  "simpleType" : "ListElasticsearchInstanceTypesResponse",
  "variableSetterType" : "ListElasticsearchInstanceTypesResponse"
},
"wrapper" : false
},
"ListElasticsearchVersionsRequest" : {
  "c2jName" : "ListElasticsearchVersionsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for the parameters to the <code> <a>ListElasticsearchVersions</a> </code> operation. <p> Use <code> <a>MaxResults</a> </code> to control the maximum number of results to retrieve in a single call. <p> <p> Use <code> <a>NextToken</a> </code> in response to retrieve more results. If the received response does not contain a NextToken, then there are no more results to retrieve. <p> </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "ListElasticsearchVersions",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/versions",
    "target" : null,

```

```

    "verb" : "GET",
    "xmlNamespaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getMaxResults",
    "beanStyleSetterMethodName" : "setMaxResults",
    "c2jName" : "MaxResults",
    "c2jShape" : "MaxResults",
    "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 10 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
    "deprecated" : false,
    "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "maxResults",
    "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 10 else it wont be honored. \n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "maxResults",
    "getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 10 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value
provided must be greater than 10 else it wont be honored.",
    "getterModel" : {
      "returnType" : "Integer",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "maxResults",
  }

```

```

    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "maxResults",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "MaxResults",
  "sensitive" : false,
  "setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored.",
  "setterMethodName" : "setMaxResults",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "maxResults",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "maxResults",
    "variableType" : "Integer",
    "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param

```

nextToken a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",

```
"deprecated" : false,  
"documentation" : "",  
"endpointDiscoveryId" : false,  
"enumType" : null,  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : null,  
"fluentEnumSetterMethodName" : null,  
"fluentGetterMethodName" : "nextToken",  
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken
```

The new value for the NextToken property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "nextToken",
```

"getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of the NextToken property for this object.",

```
"getterModel" : {  
  "returnType" : "String",  
  "documentation" : null  
},
```

```
"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : "querystring",  
  "marshallLocation" : "QUERY_PARAM",  
  "marshallLocationName" : "nextToken",  
  "queryString" : true,  
  "statusCode" : false,  
  "unmarshallLocationName" : "nextToken",  
  "uri" : false  
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "NextToken",
```

```
"sensitive" : false,
```

```
"setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
```

new value for the NextToken property for this object.",

```
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "MaxResults" : {
    "beanStyleGetterMethodName" : "getMaxResults",
    "beanStyleSetterMethodName" : "setMaxResults",
    "c2jName" : "MaxResults",
    "c2jShape" : "MaxResults",
    "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 10 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
    "deprecated" : false,
    "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "maxResults",
    "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 10 else it wont be honored. \n@return Returns a reference to this
```

object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "maxResults",
```

"getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored.",

```
"getterModel" : {
```

```
  "returnType" : "Integer",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : "querystring",
```

```
  "marshallLocation" : "QUERY_PARAM",
```

```
  "marshallLocationName" : "maxResults",
```

```
  "queryString" : true,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "maxResults",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "INTEGER",
```

```
"name" : "MaxResults",
```

```
"sensitive" : false,
```

"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored.",

```
"setterMethodName" : "setMaxResults",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "Integer",
```

```
  "variableName" : "maxResults",
```

```
  "variableType" : "Integer",
```

```
  "documentation" : null,
```

```
  "simpleType" : "Integer",
```

```
  "variableSetterType" : "Integer"
```

```
},
```

```
"simple" : true,
```

```

"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"NextToken" : {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param
nextToken The new value for the NextToken property for this object.\n@return Returns a reference to this object so
that method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,

```

```

    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "nextToken",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "nextToken",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "NextToken",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
  "setterMethodName" : "setNextToken",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",

```



```

    "c2jShape" : "MaxResults",
    "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 10 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#maxResults(Integer)",
    "deprecated" : false,
    "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "maxResults",
    "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 10 else it wont be honored.\n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "maxResults",
    "getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 10 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value
provided must be greater than 10 else it wont be honored.",
    "getterModel" : {
        "returnType" : "Integer",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : "querystring",
        "marshallLocation" : "QUERY_PARAM",
        "marshallLocationName" : "maxResults",
        "queryString" : true,
        "statusCode" : false,
        "unmarshallLocationName" : "maxResults",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"sensitive" : false,
"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 10 else it wont be honored.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken
The new value for the NextToken property for this object.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,

```

```

    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListElasticsearchVersionsRequest",
"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "ListElasticsearchVersionsRequest",
  "variableName" : "listElasticsearchVersionsRequest",
  "variableType" : "ListElasticsearchVersionsRequest",
  "documentation" : null,
  "simpleType" : "ListElasticsearchVersionsRequest",
  "variableSetterType" : "ListElasticsearchVersionsRequest"
},
"wrapper" : false
},
"ListElasticsearchVersionsResponse" : {
  "c2jName" : "ListElasticsearchVersionsResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for the parameters for response received from <code>
<a>ListElasticsearchVersions</a> </code> operation. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,

```

```

"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getElasticsearchVersions",
  "beanStyleSetterMethodName" : "setElasticsearchVersions",
  "c2jName" : "ElasticsearchVersions",
  "c2jShape" : "ElasticsearchVersionList",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersions(List<String>)}.\n@param elasticsearchVersions a consumer that will call methods on
{ @link List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #elasticsearchVersions(List<String>)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersions",
  "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param
elasticsearchVersions The new value for the ElasticsearchVersions property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchVersions",
  "getterDocumentation" : "Returns the value of the ElasticsearchVersions property for this
object.\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The value of the ElasticsearchVersions property for this object.",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,

```

```

"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchVersions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

```

```

    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,

```

```

"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchVersions",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param
elasticsearchVersions The new value for the ElasticsearchVersions property for this object.",
"setterMethodName" : "setElasticsearchVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n\n@param
nextToken a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this object
so that method calls can be chained together.\n\n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,

```



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method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
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  "documentation" : null
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  "isStreaming" : false,
  "location" : null,
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  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
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"isBinary" : false,
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"name" : "NextToken",
"sensitive" : false,
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new value for the NextToken property for this object.",
"setterMethodName" : "setNextToken",
"setterModel" : {
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  "variableName" : "nextToken",

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    "variableSetterType" : "String"
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    "documentation" : "",
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    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
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  "ElasticsearchVersions" : {
    "beanStyleGetterMethodName" : "getElasticsearchVersions",
    "beanStyleSetterMethodName" : "setElasticsearchVersions",
    "c2jName" : "ElasticsearchVersions",
    "c2jShape" : "ElasticsearchVersionList",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersions(List<String>)}. \n@param elasticsearchVersions a consumer that will call methods on
{ @link List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #elasticsearchVersions(List<String>)",
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    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchVersions",
    "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this
object.\n\n@param elasticsearchVersions The new value for the ElasticsearchVersions property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "elasticsearchVersions",
    "getterDocumentation" : "Returns the value of the ElasticsearchVersions property for this
object.\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The value of the ElasticsearchVersions property for this object.",
    "getterModel" : {
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```

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    "isStreaming" : false,
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    "marshallLocationName" : "ElasticsearchVersions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchVersions",
    "uri" : false
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  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
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    "interfaceType" : "java.util.List",
    "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "ElasticsearchVersionString",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
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      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
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      "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    }
  }
}

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```

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        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
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        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
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    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
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    "map" : false,
    "mapModel" : null,
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new value for the Member property for this object.",
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    "setterModel" : {
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        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
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    "simpleType" : "String",
    "variableSetterType" : "String"
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"map" : false,
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"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
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"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchVersions",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param
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"setterModel" : {
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  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
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"simple" : false,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
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},
"NextToken" : {
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```

"beanStyleSetterMethodName" : "setNextToken",
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"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
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that method calls can be chained together.",
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  "isPayload" : false,
  "isStreaming" : false,
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  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
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"isBinary" : false,
"jsonValue" : false,
"list" : false,

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  "simpleType" : "String",
  "variableSetterType" : "String"
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  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getElasticsearchVersions",
  "beanStyleSetterMethodName" : "setElasticsearchVersions",
  "c2jName" : "ElasticsearchVersions",
  "c2jShape" : "ElasticsearchVersionList",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersions(List<String>)}.\n\n@param elasticsearchVersions a consumer that will call methods on
{ @link List<String>.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #elasticsearchVersions(List<String>)",
  "deprecated" : false,
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  "eventHeader" : false,
  "eventPayload" : false,

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elasticsearchVersions The new value for the ElasticsearchVersions property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
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object.\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The value of the ElasticsearchVersions property for this object.",
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  "documentation" : null
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
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  "marshallLocationName" : "ElasticsearchVersions",
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  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersions",
  "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
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    "beanStyleSetterMethodName" : "setMember",
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    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",

```



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"eventPayload" : false,
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calls can be chained together.",
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  "greedy" : false,
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  "isPayload" : false,
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  "statusCode" : false,
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  "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
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"listModel" : null,
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value for the Member property for this object.",
"setterMethodName" : "setMember",

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```

"setterModel" : {
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  "simpleType" : "String",
  "variableSetterType" : "String"
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  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
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},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchVersions",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param
elasticsearchVersions The new value for the ElasticsearchVersions property for this object.",
"setterMethodName" : "setElasticsearchVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,

```

```

"variable" : {
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  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken
The new value for the NextToken property for this object.\n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
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    "documentation" : null
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,

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    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NextToken",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NextToken",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "NextToken",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
  "setterMethodName" : "setNextToken",
  "setterModel" : {
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    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
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    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListElasticsearchVersionsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
}

```

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    },
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      "variableName" : "listElasticsearchVersionsResponse",
      "variableType" : "ListElasticsearchVersionsResponse",
      "documentation" : null,
      "simpleType" : "ListElasticsearchVersionsResponse",
      "variableSetterType" : "ListElasticsearchVersionsResponse"
    },
    "wrapper" : false
  },
  "ListTagsRequest" : {
    "c2jName" : "ListTagsRequest",
    "customization" : {
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      "skipGeneratingMarshaller" : false,
      "skipGeneratingModelClass" : false,
      "skipGeneratingUnmarshaller" : false,
      "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p>Container for the parameters to the <code><a>ListTags</a></code> operation. Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view are attached.</p>",
    "endpointDiscovery" : null,
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : {
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      "locationName" : null,
      "requestUri" : "/2015-01-01/tags/",
      "target" : null,
      "verb" : "GET",
      "xmlNamespaceUri" : null
    },
    "members" : [ {
      "beanStyleGetterMethodName" : "getArn",
      "beanStyleSetterMethodName" : "setArn",
      "c2jName" : "ARN",
      "c2jShape" : "ARN",

```

"defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #arn(String)",

"deprecated" : false,

"documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "arn",

"fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "arn",

"getterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>\n@return Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.",

"getterModel" : {
 "returnType" : "String",
 "documentation" : null

},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "arn",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "arn",
 "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"sensitive" : false,
"setterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch domain
to which the tags are attached that you want to view.",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "ARN" : {
    "beanStyleGetterMethodName" : "getArn",
    "beanStyleSetterMethodName" : "setArn",
    "c2jName" : "ARN",
    "c2jShape" : "ARN",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.</p>\nThis is a convenience that creates an instance of
the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder} \n@return Returns
a reference to this object so that method calls can be chained together. \n@see #arn(String)",
    "deprecated" : false,
    "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,

```

```

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which
the tags are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.</p>\n@return Specify the <code>ARN</code> for the Elasticsearch domain to
which the tags are attached that you want to view.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "arn",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "arn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"sensitive" : false,
"setterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch domain
to which the tags are attached that you want to view.",
"setterMethodName" : "setArn",
"setterModel" : {

```



```

    "variableDeclarationType" : "String",
    "variableName" : "arn",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "arn",
    "variableType" : "String",
    "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.</p>\nThis is a convenience that creates an instance of
the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder}\n@return Returns
a reference to this object so that method calls can be chained together.\n@see #arn(String)",
  "deprecated" : false,
  "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "arn",
  "fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the
tags are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.\n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "arn",
  "getterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags

```

are attached that you want to view.</p>\n@return Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "arn",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "arn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"sensitive" : false,
```

"setterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.",

```
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
```

```

    "variableName" : "arn",
    "variableType" : "String",
    "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ARN" ],
"shapeName" : "ListTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "ListTagsRequest",
  "variableName" : "listTagsRequest",
  "variableType" : "ListTagsRequest",
  "documentation" : null,
  "simpleType" : "ListTagsRequest",
  "variableSetterType" : "ListTagsRequest"
},
"wrapper" : false
},
"ListTagsResponse" : {
  "c2jName" : "ListTagsResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The result of a <code>ListTags</code> operation. Contains tags for all requested
Elasticsearch domains.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,

```

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"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getTagList",
  "beanStyleSetterMethodName" : "setTagList",
  "c2jName" : "TagList",
  "c2jShape" : "TagList",
  "defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder}
avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link
#tagList(List<Tag>)}.\n@param tagList a consumer that will call methods on { @link List<Tag>.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #tagList(List<Tag>)",
  "deprecated" : false,
  "documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "tagList",
  "fluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "tagList",
  "getterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return List of <code>Tag</code> for the requested Elasticsearch
domain.",
  "getterModel" : {
    "returnType" : "java.util.List<Tag>",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TagList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TagList",
  "uri" : false
}

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    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,
    "listModel" : {
        "implType" : "java.util.ArrayList",
        "interfaceType" : "java.util.List",
        "listMemberModel" : {
            "beanStyleGetterMethodName" : "getMember",
            "beanStyleSetterMethodName" : "setMember",
            "c2jName" : "member",
            "c2jShape" : "Tag",
            "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n@param member a consumer that will call
methods on { @link Tag.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(Tag)",
            "deprecated" : false,
            "documentation" : "",
            "endpointDiscoveryId" : false,
            "enumType" : null,
            "eventHeader" : false,
            "eventPayload" : false,
            "fluentEnumGetterMethodName" : null,
            "fluentEnumSetterMethodName" : null,
            "fluentGetterMethodName" : "member",
            "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
            "fluentSetterMethodName" : "member",
            "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
            "getterModel" : {
                "returnType" : "Tag",
                "documentation" : null
            }
        },
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
    }

```

```

    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "Tag",
    "variableName" : "member",
    "variableType" : "Tag",
    "documentation" : null,
    "simpleType" : "Tag",
    "variableSetterType" : "Tag"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Tag",
    "variableName" : "member",
    "variableType" : "Tag",
    "documentation" : "",
    "simpleType" : "Tag",
    "variableSetterType" : "Tag"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"

```

```

    },
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "LIST",
    "name" : "TagList",
    "sensitive" : false,
    "setterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.",
    "setterMethodName" : "setTagList",
    "setterModel" : {
        "variableDeclarationType" : "java.util.List<Tag>",
        "variableName" : "tagList",
        "variableType" : "java.util.List<Tag>",
        "documentation" : null,
        "simpleType" : "List<Tag>",
        "variableSetterType" : "java.util.Collection<Tag>"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "java.util.List<Tag>",
        "variableName" : "tagList",
        "variableType" : "java.util.List<Tag>",
        "documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
        "simpleType" : "List<Tag>",
        "variableSetterType" : "java.util.Collection<Tag>"
    },
    "xmlNameSpaceUri" : null
} ],
"membersAsMap" : {
    "TagList" : {
        "beanStyleGetterMethodName" : "getTagList",
        "beanStyleSetterMethodName" : "setTagList",
        "c2jName" : "TagList",
        "c2jShape" : "TagList",
        "defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder}
avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link
#tagList(List<Tag>)}.\n@param tagList a consumer that will call methods on { @link List<Tag>.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #tagList(List<Tag>)",
        "deprecated" : false,
        "documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
        "endpointDiscoveryId" : false,
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,

```

```

"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return List of <code>Tag</code> for the requested Elasticsearch
domain.",
"getterModel" : {
  "returnType" : "java.util.List<Tag>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TagList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TagList",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n@param member a consumer that will call
methods on { @link Tag.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(Tag)",

```



```

    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "Tag",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
    "setterMethodName" : "setMember",

```

```

"setterModel" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : "",
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"sensitive" : false,
"setterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.",
"setterMethodName" : "setTagList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : null,
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,

```

```

"variable" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
},
"xmlNamespaceUri" : null
},
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getTagList",
  "beanStyleSetterMethodName" : "setTagList",
  "c2jName" : "TagList",
  "c2jShape" : "TagList",
  "defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder }
avoiding the need to create one manually via { @link List<Tag>#builder() }. \n\nWhen the { @link Consumer }
completes, { @link List<Tag>.Builder#build() } is called immediately and its result is passed to { @link
#tagList(List<Tag>)} . \n@param tagList a consumer that will call methods on { @link List<Tag>.Builder } \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #tagList(List<Tag>)",
  "deprecated" : false,
  "documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "tagList",
  "fluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain. \n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "tagList",
  "getterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return List of <code>Tag</code> for the requested Elasticsearch
domain.",
  "getterModel" : {
    "returnType" : "java.util.List<Tag>",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,

```

```

"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagList",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n@param member a consumer that will call
methods on { @link Tag.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(Tag)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "Tag",
      "documentation" : null
    }
  },
},

```

```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : "",
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"xmlNamespaceUri" : null

```

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    },
    "memberLocationName" : null,
    "memberType" : "Tag",
    "map" : false,
    "memberAdditionalMarshallingPath" : null,
    "memberAdditionalUnmarshallingPath" : null,
    "simple" : false,
    "simpleType" : "Tag",
    "templateImplType" : "java.util.ArrayList<Tag>",
    "templateType" : "java.util.List<Tag>"
  },
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "LIST",
  "name" : "TagList",
  "sensitive" : false,
  "setterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.",
  "setterMethodName" : "setTagList",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<Tag>",
    "variableName" : "tagList",
    "variableType" : "java.util.List<Tag>",
    "documentation" : null,
    "simpleType" : "List<Tag>",
    "variableSetterType" : "java.util.Collection<Tag>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<Tag>",
    "variableName" : "tagList",
    "variableType" : "java.util.List<Tag>",
    "documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
    "simpleType" : "List<Tag>",
    "variableSetterType" : "java.util.Collection<Tag>"
  },
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListTagsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},

```

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"variable" : {
  "variableDeclarationType" : "ListTagsResponse",
  "variableName" : "listTagsResponse",
  "variableType" : "ListTagsResponse",
  "documentation" : null,
  "simpleType" : "ListTagsResponse",
  "variableSetterType" : "ListTagsResponse"
},
"wrapper" : false
},
"LogPublishingOption" : {
  "c2jName" : "LogPublishingOption",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Log Publishing option that is set for given domain. <br/>Attributes and their details: <ul>
<li>CloudWatchLogsLogGroupArn: ARN of the Cloudwatch log group to which log needs to be published.</li>
<li>Enabled: Whether the log publishing for given log type is enabled or not</li> </ul> </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getCloudWatchLogsLogGroupArn",
    "beanStyleSetterMethodName" : "setCloudWatchLogsLogGroupArn",
    "c2jName" : "CloudWatchLogsLogGroupArn",
    "c2jShape" : "CloudWatchLogsLogGroupArn",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property
for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#cloudWatchLogsLogGroupArn(String)}. \n@param cloudWatchLogsLogGroupArn a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #cloudWatchLogsLogGroupArn(String)",
    "deprecated" : false,

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"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cloudWatchLogsLogGroupArn",
"fluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cloudWatchLogsLogGroupArn",
"getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this
object.\n@return The value of the CloudWatchLogsLogGroupArn property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CloudWatchLogsLogGroupArn",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CloudWatchLogsLogGroupArn",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.",
"setterMethodName" : "setCloudWatchLogsLogGroupArn",

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"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "cloudWatchLogsLogGroupArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "cloudWatchLogsLogGroupArn",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param enabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #enabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@param enabled Specifies whether given log publishing option is enabled or not.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "enabled",
  "getterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@return Specifies whether given log publishing option is enabled or not.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null

```

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    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Enabled",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Enabled",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "BOOLEAN",
    "name" : "Enabled",
    "sensitive" : false,
    "setterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@param
enabled Specifies whether given log publishing option is enabled or not.",
    "setterMethodName" : "setEnabled",
    "setterModel" : {
        "variableDeclarationType" : "Boolean",
        "variableName" : "enabled",
        "variableType" : "Boolean",
        "documentation" : null,
        "simpleType" : "Boolean",
        "variableSetterType" : "Boolean"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "Boolean",
        "variableName" : "enabled",
        "variableType" : "Boolean",
        "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
        "simpleType" : "Boolean",
        "variableSetterType" : "Boolean"
    },
    },

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    "xmlNamespaceUri" : null
  } ],
  "membersAsMap" : {
    "CloudWatchLogsLogGroupArn" : {
      "beanStyleGetterMethodName" : "getCloudWatchLogsLogGroupArn",
      "beanStyleSetterMethodName" : "setCloudWatchLogsLogGroupArn",
      "c2jName" : "CloudWatchLogsLogGroupArn",
      "c2jShape" : "CloudWatchLogsLogGroupArn",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn
property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the
need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link
#cloudWatchLogsLogGroupArn(String) }. \n@param cloudWatchLogsLogGroupArn a consumer that will call
methods on { @link String.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #cloudWatchLogsLogGroupArn(String)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "cloudWatchLogsLogGroupArn",
      "fluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object. \n@return Returns a reference to this object so that method calls can be chained together.",
      "fluentSetterMethodName" : "cloudWatchLogsLogGroupArn",
      "getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this
object. \n@return The value of the CloudWatchLogsLogGroupArn property for this object.",
      "getterModel" : {
        "returnType" : "String",
        "documentation" : null
      },
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "CloudWatchLogsLogGroupArn",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
    }
  }
}

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    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "CloudWatchLogsLogGroupArn",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.",
  "setterMethodName" : "setCloudWatchLogsLogGroupArn",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "cloudWatchLogsLogGroupArn",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "cloudWatchLogsLogGroupArn",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"Enabled" : {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled
or not.</p>\n\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #enabled(Boolean)",
  "deprecated" : false,

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"documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or
not.</p>\n@param enabled Specifies whether given log publishing option is enabled or not.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@return
Specifies whether given log publishing option is enabled or not.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Enabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Enabled",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@param
enabled Specifies whether given log publishing option is enabled or not.",
"setterMethodName" : "setEnabled",
"setterModel" : {

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    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getCloudWatchLogsLogGroupArn",
  "beanStyleSetterMethodName" : "setCloudWatchLogsLogGroupArn",
  "c2jName" : "CloudWatchLogsLogGroupArn",
  "c2jShape" : "CloudWatchLogsLogGroupArn",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property
for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#cloudWatchLogsLogGroupArn(String)}. \n@param cloudWatchLogsLogGroupArn a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #cloudWatchLogsLogGroupArn(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cloudWatchLogsLogGroupArn",
  "fluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "cloudWatchLogsLogGroupArn",
  "getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this
object.\n@return The value of the CloudWatchLogsLogGroupArn property for this object.",
  "getterModel" : {

```

```

    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CloudWatchLogsLogGroupArn",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "CloudWatchLogsLogGroupArn",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.",
  "setterMethodName" : "setCloudWatchLogsLogGroupArn",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "cloudWatchLogsLogGroupArn",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "cloudWatchLogsLogGroupArn",
    "variableType" : "String",
    "documentation" : ""
  }

```

```

    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #enabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@param enabled Specifies whether given log publishing option is enabled or not. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "enabled",
  "getterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@return Specifies whether given log publishing option is enabled or not.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Enabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Enabled",

```



```

    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "Enabled",
  "sensitive" : false,
  "setterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@param
enabled Specifies whether given log publishing option is enabled or not.",
  "setterMethodName" : "setEnabled",
  "setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LogPublishingOption",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "logPublishingOption",
  "variableType" : "LogPublishingOption",

```

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    "documentation" : null,
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "wrapper" : false
},
"LogPublishingOptionsStatus" : {
  "c2jName" : "LogPublishingOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The configured log publishing options for the domain and their current status.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getOptionsAsStrings",
    "beanStyleSetterMethodName" : "setOptionsWithStrings",
    "c2jName" : "Options",
    "c2jShape" : "LogPublishingOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>The log publishing options configured for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via { @link
Map<String,LogPublishingOption>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to { @link
#optionsAsStrings(Map<String,LogPublishingOption>)}. \n@param options a consumer that will call methods on
{ @link Map<String,LogPublishingOption>.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #optionsWithStrings(Map<String,LogPublishingOption>)",
    "deprecated" : false,
    "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,

```

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"fluentEnumGetterMethodName" : "options",
"fluentEnumSetterMethodName" : "options",
"fluentGetterMethodName" : "optionsAsStrings",
"fluentSetterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "optionsWithStrings",
"getterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return The log publishing options configured for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via

```

{ @link String#builder()}.
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #keyAsString(String)}.
@param key a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #key(String)",

"deprecated" : false,

"documentation" : "",

"endpointDiscoveryId" : false,

"enumType" : "LogType",

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : "key",

"fluentEnumSetterMethodName" : "key",

"fluentGetterMethodName" : "keyAsString",

"fluentSetterDocumentation" : "Sets the value of the Key property for this object.
@param key The new value for the Key property for this object.
@see LogType
@return Returns a reference to this object so that method calls can be chained together.
@see LogType",

"fluentSetterMethodName" : "key",

"getterDocumentation" : "Returns the value of the Key property for this object.
If the service returns an enum value that is not available in the current SDK version, { @link #key} will return { @link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #keyAsString}.
@return The value of the Key property for this object.
@see LogType",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "key",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "key",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

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"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link LogPublishingOption.Builder} avoiding the need to create
one manually via {@link LogPublishingOption#builder()}. \n\nWhen the {@link Consumer} completes, {@link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to {@link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on {@link
LogPublishingOption.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",

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    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "LogPublishingOption",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
    "setterMethodName" : "setValue",
    "setterModel" : {
        "variableDeclarationType" : "LogPublishingOption",
        "variableName" : "value",
        "variableType" : "LogPublishingOption",
        "documentation" : null,
        "simpleType" : "LogPublishingOption",
        "variableSetterType" : "LogPublishingOption"
    },
    "simple" : false,

```

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"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String, LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.",
"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String, LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String, LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String, LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String, LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String, LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String, LogPublishingOption>",
  "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
  "simpleType" : "Map<String, LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String, LogPublishingOption>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}.</p>\nWhen the { @link Consumer} completes, { @link

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`OptionStatus.Builder#build()` is called immediately and its result is passed to `{ @link #status(OptionStatus)}`.
`@param status` a consumer that will call methods on `{ @link OptionStatus.Builder}`.
`@return` Returns a reference to this object so that method calls can be chained together.
`@see #status(OptionStatus)`",

```
"deprecated" : false,
"documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
```



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"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptionsAsStrings",
    "beanStyleSetterMethodName" : "setOptionsWithStrings",
    "c2jName" : "Options",
    "c2jShape" : "LogPublishingOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>The log publishing options configured for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via { @link
Map<String,LogPublishingOption>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to { @link
#optionsAsStrings(Map<String,LogPublishingOption>)}. \n@param options a consumer that will call methods on
{ @link Map<String,LogPublishingOption>.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #optionsWithStrings(Map<String,LogPublishingOption>)",
    "deprecated" : false,
    "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "options",
"fluentEnumSetterMethodName" : "options",
"fluentGetterMethodName" : "optionsAsStrings",
"fluentSetterDocumentation" : "<p>The log publishing options configured for the Elasticsearch
domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "optionsWithStrings",
"getterDocumentation" : "<p>The log publishing options configured for the Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The log publishing options configured for the Elasticsearch
domain.",
"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",

```

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    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : "LogType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "key",
    "fluentEnumSetterMethodName" : "key",
    "fluentGetterMethodName" : "keyAsString",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "key",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "key",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the
need to create one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n\n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

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```

    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "LogPublishingOption",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
    "setterMethodName" : "setValue",
    "setterModel" : {
        "variableDeclarationType" : "LogPublishingOption",
        "variableName" : "value",
        "variableType" : "LogPublishingOption",
        "documentation" : null,
        "simpleType" : "LogPublishingOption",

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    "variableSetterType" : "LogPublishingOption"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : "",
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.",
"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",

```

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"defaultConsumerFluentSetterDocumentation" : "<p>The status of the log publishing options for the
Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a
convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually
via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptionsAsStrings",
  "beanStyleSetterMethodName" : "setOptionsWithStrings",
  "c2jName" : "Options",
  "c2jShape" : "LogPublishingOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The log publishing options configured for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via { @link
Map<String,LogPublishingOption>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to { @link
#optionsAsStrings(Map<String,LogPublishingOption>)}. \n@param options a consumer that will call methods on
{ @link Map<String,LogPublishingOption>.Builder} \n@return Returns a reference to this object so that method

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calls can be chained together.\n@see #optionsWithStrings(Map<String,LogPublishingOption>)",
  "deprecated" : false,
  "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "options",
  "fluentEnumSetterMethodName" : "options",
  "fluentGetterMethodName" : "optionsAsStrings",
  "fluentSetterDocumentation" : "<p>The log publishing options configured for the Elasticsearch
domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "optionsWithStrings",
  "getterDocumentation" : "<p>The log publishing options configured for the Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The log publishing options configured for the Elasticsearch
domain.",
  "getterModel" : {
    "returnType" : "java.util.Map<String,LogPublishingOption>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : true,
  "mapModel" : {
    "implType" : "java.util.HashMap",
    "interfaceType" : "java.util.Map",
    "keyLocationName" : "key",

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"keyModel" : {
  "beanStyleGetterMethodName" : "getKeyAsString",
  "beanStyleSetterMethodName" : "setKey",
  "c2jName" : "key",
  "c2jShape" : "LogType",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : "LogType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "key",
  "fluentEnumSetterMethodName" : "key",
  "fluentGetterMethodName" : "keyAsString",
  "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
  "fluentSetterMethodName" : "key",
  "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},

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    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Key",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
    "setterMethodName" : "setKey",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "key",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
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        "variableName" : "key",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
    "beanStyleGetterMethodName" : "getValue",
    "beanStyleSetterMethodName" : "setValue",
    "c2jName" : "value",
    "c2jShape" : "LogPublishingOption",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create
one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n\n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #value(LogPublishingOption)",
    "deprecated" : false,
    "documentation" : ""
}

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",

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    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : null,
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : "",
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.",
"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",

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```

"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the log publishing options for the
Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a
convenience that creates an instance of the { @link OptionStatus.Builder } avoiding the need to create one manually
via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer } completes, { @link
OptionStatus.Builder#build() } is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",

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```

    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",
  "sensitive" : false,
  "setterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
  "setterMethodName" : "setStatus",
  "setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LogPublishingOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {

```

```

"variableDeclarationType" : "LogPublishingOptionsStatus",
"variableName" : "logPublishingOptionsStatus",
"variableType" : "LogPublishingOptionsStatus",
"documentation" : null,
"simpleType" : "LogPublishingOptionsStatus",
"variableSetterType" : "LogPublishingOptionsStatus"
},
"wrapper" : false
},
"LogType" : {
"c2jName" : "LogType",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Type of Log File, it can be one of the following: <ul> <li>INDEX_SLOW_LOGS: Index
slow logs contain insert requests that took more time than configured index query log threshold to execute.</li>
<li>SEARCH_SLOW_LOGS: Search slow logs contain search queries that took more time than configured search
query log threshold to execute.</li> <li>ES_APPLICATION_LOGS: Elasticsearch application logs contain
information about errors and warnings raised during the operation of the service and can be useful for
troubleshooting.</li> </ul> </p>",
"endpointDiscovery" : null,
"enums" : [ {
"name" : "INDEX_SLOW_LOGS",
"value" : "INDEX_SLOW_LOGS"
}, {
"name" : "SEARCH_SLOW_LOGS",
"value" : "SEARCH_SLOW_LOGS"
}, {
"name" : "ES_APPLICATION_LOGS",
"value" : "ES_APPLICATION_LOGS"
} ],
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },

```



```

"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LogType",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "LogType",
  "variableName" : "logType",
  "variableType" : "LogType",
  "documentation" : null,
  "simpleType" : "LogType",
  "variableSetterType" : "LogType"
},
"wrapper" : false
},
"NodeToNodeEncryptionOptions" : {
  "c2jName" : "NodeToNodeEncryptionOptions",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Specifies the node-to-node encryption options.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getEnabled",
    "beanStyleSetterMethodName" : "setEnabled",
    "c2jName" : "Enabled",
    "c2jShape" : "Boolean",

```

"defaultConsumerFluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n\n@param enabled a consumer that will call methods on { @link Boolean.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #enabled(Boolean)",

"deprecated" : false,

"documentation" : "<p>Specify true to enable node-to-node encryption.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "enabled",

"fluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n\n@param enabled Specify true to enable node-to-node encryption. \n\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "enabled",

"getterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n\n@return Specify true to enable node-to-node encryption.",

"getterModel" : {

"returnType" : "Boolean",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Enabled",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Enabled",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

```

"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"sensitive" : false,
"setterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@param enabled Specify
true to enable node-to-node encryption.",
"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Enabled" : {
    "beanStyleGetterMethodName" : "getEnabled",
    "beanStyleSetterMethodName" : "setEnabled",
    "c2jName" : "Enabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specify true to enable node-to-node
encryption.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need
to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #enabled(Boolean)",
    "deprecated" : false,
    "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "enabled",
    "fluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@param enabled

```

Specify true to enable node-to-node encryption.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@return Specify true to
enable node-to-node encryption.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Enabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Enabled",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"sensitive" : false,
"setterDocumentation" : "<p></p>\n@param enabled Specify
true to enable node-to-node encryption.",
"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
```

```

"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param enabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #enabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@param enabled Specify true to enable node-to-node encryption.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "enabled",
  "getterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@return Specify true to enable node-to-node encryption.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,

```

```

    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Enabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Enabled",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "Enabled",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@param enabled Specify
true to enable node-to-node encryption.",
  "setterMethodName" : "setEnabled",
  "setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "NodeToNodeEncryptionOptions",
"simpleMethod" : false,
"unmarshaller" : {

```

```

    "flattened" : false,
    "resultWrapper" : null
  },
  "variable" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : null,
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
  },
  "wrapper" : false
},
"NodeToNodeEncryptionOptionsStatus" : {
  "c2jName" : "NodeToNodeEncryptionOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Status of the node-to-node encryption options for the specified Elasticsearch
domain.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "NodeToNodeEncryptionOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the
specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(NodeToNodeEncryptionOptions)}. \n@param options a consumer that will call methods on { @link

```

```

NodeToNodeEncryptionOptions.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #options(NodeToNodeEncryptionOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch
domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch
domain.</p>\n@return Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "NodeToNodeEncryptionOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Options",
  "sensitive" : false,

```



```

"setterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder } avoiding the need to create one manually via { @link OptionStatus#builder() }. \n\nWhen the { @link Consumer } completes, { @link OptionStatus.Builder#build() } is called immediately and its result is passed to { @link #status(OptionStatus) }. \n@param status a consumer that will call methods on { @link OptionStatus.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the

```

specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "status",
```

"getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.",

```
"getterModel" : {
```

```
  "returnType" : "OptionStatus",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : null,
```

```
  "marshallLocation" : "PAYLOAD",
```

```
  "marshallLocationName" : "Status",
```

```
  "queryString" : false,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "Status",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "SDK_POJO",
```

```
"name" : "Status",
```

```
"sensitive" : false,
```

"setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.",

```
"setterMethodName" : "setStatus",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "OptionStatus",
```

```
  "variableName" : "status",
```

```
  "variableType" : "OptionStatus",
```

```
  "documentation" : null,
```

```
  "simpleType" : "OptionStatus",
```

```
  "variableSetterType" : "OptionStatus"
```

```
},
```

```

"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "NodeToNodeEncryptionOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the
specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(NodeToNodeEncryptionOptions)}. \n@param options a consumer that will call methods on { @link
NodeToNodeEncryptionOptions.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #options(NodeToNodeEncryptionOptions)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch
domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified
Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "options",
    "getterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch
domain.</p>\n@return Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
    "getterModel" : {
      "returnType" : "NodeToNodeEncryptionOptions",
      "documentation" : null
    },
  },
  "http" : {

```

```

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},

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    "xmlNamespaceUri" : null
  },
  "Status" : {
    "beanStyleGetterMethodName" : "getStatus",
    "beanStyleSetterMethodName" : "setStatus",
    "c2jName" : "Status",
    "c2jShape" : "OptionStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption
options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "status",
    "fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the
specified Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for
the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained
together.",
    "fluentSetterMethodName" : "status",
    "getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.",
    "getterModel" : {
      "returnType" : "OptionStatus",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
  }
}

```

```

    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.",
  "setterMethodName" : "setStatus",
  "setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "NodeToNodeEncryptionOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link

```

NodeToNodeEncryptionOptions#builder()).\n\nWhen the {@link Consumer} completes, {@link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to {@link #options(NodeToNodeEncryptionOptions)}.\n@param options a consumer that will call methods on {@link NodeToNodeEncryptionOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #options(NodeToNodeEncryptionOptions)",

```
"deprecated" : false,
"documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@return Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "NodeToNodeEncryptionOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
```

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"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,

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    "fluentGetterMethodName" : "status",
    "fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the
specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained
together.",
    "fluentSetterMethodName" : "status",
    "getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "OptionStatus",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Status",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Status",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Status",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the
specified Elasticsearch domain.",
    "setterMethodName" : "setStatus",
    "setterModel" : {
        "variableDeclarationType" : "OptionStatus",
        "variableName" : "status",
        "variableType" : "OptionStatus",
        "documentation" : null,

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    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "NodeToNodeEncryptionOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
  "variableName" : "nodeToNodeEncryptionOptionsStatus",
  "variableType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"wrapper" : false
},
"OptionState" : {
  "c2jName" : "OptionState",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The state of a requested change. One of the following:</p> <ul> <li>Processing: The
request change is still in-process.</li> <li>Active: The request change is processed and deployed to the
Elasticsearch domain.</li> </ul>",

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"endpointDiscovery" : null,
"enums" : [ {
  "name" : "REQUIRES_INDEX_DOCUMENTS",
  "value" : "RequiresIndexDocuments"
}, {
  "name" : "PROCESSING",
  "value" : "Processing"
}, {
  "name" : "ACTIVE",
  "value" : "Active"
} ],
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "OptionState",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "OptionState",
  "variableName" : "optionState",
  "variableType" : "OptionState",
  "documentation" : null,
  "simpleType" : "OptionState",
  "variableSetterType" : "OptionState"
},
"wrapper" : false
},
"OptionStatus" : {
  "c2jName" : "OptionStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,

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"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Provides the current status of the entity.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getCreationDate",
  "beanStyleSetterMethodName" : "setCreationDate",
  "c2jName" : "CreationDate",
  "c2jShape" : "UpdateTimestamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #creationDate(Instant)}. \n@param
creationDate a consumer that will call methods on { @link Instant.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #creationDate(Instant)",
  "deprecated" : false,
  "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "creationDate",
  "fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity. \n@return Returns a reference to this object so
that method calls can be chained together.",
  "fluentSetterMethodName" : "creationDate",
  "getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@return Timestamp
which tells the creation date for the entity.",
  "getterModel" : {
    "returnType" : "java.time.Instant",
    "documentation" : null
  },
},

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"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CreationDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CreationDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"sensitive" : false,
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity.",
"setterMethodName" : "setCreationDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "creationDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "creationDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null

```

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}, {
  "beanStyleGetterMethodName" : "getUpdateDate",
  "beanStyleSetterMethodName" : "setUpdateDate",
  "c2jName" : "UpdateDate",
  "c2jShape" : "UpdateTimestamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #updateDate(Instant)}. \n@param
updateDate a consumer that will call methods on { @link Instant.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #updateDate(Instant)",
  "deprecated" : false,
  "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "updateDate",
  "fluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity. \n@return Returns a reference to this object
so that method calls can be chained together.",
  "fluentSetterMethodName" : "updateDate",
  "getterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@return
Timestamp which tells the last updated time for the entity.",
  "getterModel" : {
    "returnType" : "java.time.Instant",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpdateDate",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpdateDate",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,

```

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "UpdateDate",
"sensitive" : false,
"setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity.",
"setterMethodName" : "setUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpdateVersion",
  "beanStyleSetterMethodName" : "setUpdateVersion",
  "c2jName" : "UpdateVersion",
  "c2jShape" : "UIntValue",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\nThis is a
convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via
{ @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called
immediately and its result is passed to { @link #updateVersion(Integer)}. \n@param updateVersion a consumer that
will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #updateVersion(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the latest version for the entity.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,

```

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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateVersion",
"fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion
Specifies the latest version for the entity.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "updateVersion",
"getterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@return Specifies the latest
version for the entity.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "UpdateVersion",
"sensitive" : false,
"setterDocumentation" : "<p>\nSpecifies the latest version for the entity.</p>\n@param updateVersion Specifies
the latest version for the entity.",
"setterMethodName" : "setUpdateVersion",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "updateVersion",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"

```



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    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "Integer",
        "variableName" : "updateVersion",
        "variableType" : "Integer",
        "documentation" : "<p>Specifies the latest version for the entity.</p>",
        "simpleType" : "Integer",
        "variableSetterType" : "Integer"
    },
    "xmlNameSpaceUri" : null
}, {
    "beanStyleGetterMethodName" : "getStateAsString",
    "beanStyleSetterMethodName" : "setState",
    "c2jName" : "State",
    "c2jShape" : "OptionState",
    "defaultConsumerFluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #stateAsString(String)}. \n@param
state a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #state(String)",
    "deprecated" : false,
    "documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : "OptionState",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "state",
    "fluentEnumSetterMethodName" : "state",
    "fluentGetterMethodName" : "stateAsString",
    "fluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain. \n@see
OptionState \n@return Returns a reference to this object so that method calls can be chained together. \n@see
OptionState",
    "fluentSetterMethodName" : "state",
    "getterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#state} will return { @link OptionState#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service
is available from { @link #stateAsString}. \n</p>\n@return Provides the <code>OptionState</code> for the
Elasticsearch domain. \n@see OptionState",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,

```

```

"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "State",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "State",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"sensitive" : false,
"setterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see
OptionState",
"setterMethodName" : "setState",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {

```

```

"beanStyleGetterMethodName" : "getPendingDeletion",
"beanStyleSetterMethodName" : "setPendingDeletion",
"c2jName" : "PendingDeletion",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being
deleted.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#pendingDeletion(Boolean)}. \n@param pendingDeletion a consumer that will call methods on { @link
Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#pendingDeletion(Boolean)",
"deprecated" : false,
"documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "pendingDeletion",
"fluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@param
pendingDeletion Indicates whether the Elasticsearch domain is being deleted. \n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "pendingDeletion",
"getterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@return
Indicates whether the Elasticsearch domain is being deleted.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PendingDeletion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PendingDeletion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PendingDeletion",
"sensitive" : false,
"setterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@param
pendingDeletion Indicates whether the Elasticsearch domain is being deleted.",
"setterMethodName" : "setPendingDeletion",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "CreationDate" : {
    "beanStyleGetterMethodName" : "getCreationDate",
    "beanStyleSetterMethodName" : "setCreationDate",
    "c2jName" : "CreationDate",
    "c2jShape" : "UpdateTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder } avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer } completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #creationDate(Instant)}. \n@param
creationDate a consumer that will call methods on { @link Instant.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #creationDate(Instant)",
    "deprecated" : false,
    "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,

```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "creationDate",
"fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "creationDate",
"getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@return Timestamp
which tells the creation date for the entity.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CreationDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CreationDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"sensitive" : false,
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity.",
"setterMethodName" : "setCreationDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "creationDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,

```

```

    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.time.Instant",
    "variableName" : "creationDate",
    "variableType" : "java.time.Instant",
    "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
  },
  "xmlNamespaceUri" : null
},
"PendingDeletion" : {
  "beanStyleGetterMethodName" : "getPendingDeletion",
  "beanStyleSetterMethodName" : "setPendingDeletion",
  "c2jName" : "PendingDeletion",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being
deleted.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#pendingDeletion(Boolean)}. \n@param pendingDeletion a consumer that will call methods on { @link
Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#pendingDeletion(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "pendingDeletion",
  "fluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being
deleted.</p>\n@param pendingDeletion Indicates whether the Elasticsearch domain is being deleted. \n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "pendingDeletion",
  "getterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@return
Indicates whether the Elasticsearch domain is being deleted.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,

```

```

"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PendingDeletion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PendingDeletion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PendingDeletion",
"sensitive" : false,
"setterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@param
pendingDeletion Indicates whether the Elasticsearch domain is being deleted.",
"setterMethodName" : "setPendingDeletion",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"State" : {

```

```

"beanStyleGetterMethodName" : "getStateAsString",
"beanStyleSetterMethodName" : "setState",
"c2jName" : "State",
"c2jShape" : "OptionState",
"defaultConsumerFluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #stateAsString(String)}. \n@param
state a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #state(String)",
"deprecated" : false,
"documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : "OptionState",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "state",
"fluentEnumSetterMethodName" : "state",
"fluentGetterMethodName" : "stateAsString",
"fluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see
OptionState\n@return Returns a reference to this object so that method calls can be chained together.\n@see
OptionState",
"fluentSetterMethodName" : "state",
"getterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#state} will return { @link OptionState#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service
is available from { @link #stateAsString}. \n</p>\n@return Provides the <code>OptionState</code> for the
Elasticsearch domain.\n@see OptionState",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "State",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "State",
  "uri" : false

```



```

    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "State",
    "sensitive" : false,
    "setterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see
OptionState",
    "setterMethodName" : "setState",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "state",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "state",
        "variableType" : "String",
        "documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"UpdateDate" : {
    "beanStyleGetterMethodName" : "getUpdateDate",
    "beanStyleSetterMethodName" : "setUpdateDate",
    "c2jName" : "UpdateDate",
    "c2jShape" : "UpdateTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #updateDate(Instant)}. \n@param
updateDate a consumer that will call methods on { @link Instant.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #updateDate(Instant)",
    "deprecated" : false,
    "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",

```

```

"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateDate",
"fluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "updateDate",
"getterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@return
Timestamp which tells the last updated time for the entity.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "UpdateDate",
"sensitive" : false,
"setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity.",
"setterMethodName" : "setUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",

```

```

"variableName" : "updateDate",
"variableType" : "java.time.Instant",
"documentation" : null,
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.time.Instant",
"variableName" : "updateDate",
"variableType" : "java.time.Instant",
"documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
},
"UpdateVersion" : {
"beanStyleGetterMethodName" : "getUpdateVersion",
"beanStyleSetterMethodName" : "setUpdateVersion",
"c2jName" : "UpdateVersion",
"c2jShape" : "UIntValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\nThis is a
convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via
{ @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called
immediately and its result is passed to { @link #updateVersion(Integer)}. \n@param updateVersion a consumer that
will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #updateVersion(Integer)",
"deprecated" : false,
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateVersion",
"fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion
Specifies the latest version for the entity.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "updateVersion",
"getterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@return Specifies the latest
version for the entity.",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
},

```

```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "UpdateVersion",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion Specifies
the latest version for the entity.",
"setterMethodName" : "setUpdateVersion",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "updateVersion",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "updateVersion",
  "variableType" : "Integer",
  "documentation" : "<p>Specifies the latest version for the entity.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null

```

```

    }
  },
  "nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getCreationDate",
    "beanStyleSetterMethodName" : "setCreationDate",
    "c2jName" : "CreationDate",
    "c2jShape" : "UpdateTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #creationDate(Instant)}. \n@param
creationDate a consumer that will call methods on { @link Instant.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #creationDate(Instant)",
    "deprecated" : false,
    "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "creationDate",
    "fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity.\n@return Returns a reference to this object so
that method calls can be chained together.",
    "fluentSetterMethodName" : "creationDate",
    "getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@return Timestamp
which tells the creation date for the entity.",
    "getterModel" : {
      "returnType" : "java.time.Instant",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CreationDate",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CreationDate",
    "uri" : false
  },
}

```

```

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"sensitive" : false,
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity.",
"setterMethodName" : "setCreationDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "creationDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "creationDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpdateDate",
  "beanStyleSetterMethodName" : "setUpdateDate",
  "c2jName" : "UpdateDate",
  "c2jShape" : "UpdateTimestamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #updateDate(Instant)}. \n@param
updateDate a consumer that will call methods on { @link Instant.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #updateDate(Instant)",
  "deprecated" : false,
  "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateDate",
"fluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "updateDate",
"getterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@return
Timestamp which tells the last updated time for the entity.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "UpdateDate",
"sensitive" : false,
"setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity.",
"setterMethodName" : "setUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,

```

```

    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.time.Instant",
    "variableName" : "updateDate",
    "variableType" : "java.time.Instant",
    "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpdateVersion",
  "beanStyleSetterMethodName" : "setUpdateVersion",
  "c2jName" : "UpdateVersion",
  "c2jShape" : "UIntValue",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #updateVersion(Integer)}. \n@param updateVersion a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #updateVersion(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the latest version for the entity.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "updateVersion",
  "fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion Specifies the latest version for the entity.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "updateVersion",
  "getterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@return Specifies the latest version for the entity.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

```



```

    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpdateVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpdateVersion",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "UpdateVersion",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion Specifies
the latest version for the entity.",
  "setterMethodName" : "setUpdateVersion",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "updateVersion",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "updateVersion",
    "variableType" : "Integer",
    "documentation" : "<p>Specifies the latest version for the entity.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStateAsString",
  "beanStyleSetterMethodName" : "setState",
  "c2jName" : "State",

```

```

"c2jShape" : "OptionState",
"defaultConsumerFluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #stateAsString(String)}. \n@param
state a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #state(String)",
"deprecated" : false,
"documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
"endpointDiscoveryId" : false,
"enumType" : "OptionState",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "state",
"fluentEnumSetterMethodName" : "state",
"fluentGetterMethodName" : "stateAsString",
"fluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see
OptionState\n@return Returns a reference to this object so that method calls can be chained together.\n@see
OptionState",
"fluentSetterMethodName" : "state",
"getterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#state} will return { @link OptionState#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service
is available from { @link #stateAsString}.\n</p>\n@return Provides the <code>OptionState</code> for the
Elasticsearch domain.\n@see OptionState",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "State",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "State",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"sensitive" : false,
"setterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see
OptionState",
"setterMethodName" : "setState",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPendingDeletion",
  "beanStyleSetterMethodName" : "setPendingDeletion",
  "c2jName" : "PendingDeletion",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being
deleted.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#pendingDeletion(Boolean)}. \n@param pendingDeletion a consumer that will call methods on { @link
Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#pendingDeletion(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "pendingDeletion",
"fluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@param
pendingDeletion Indicates whether the Elasticsearch domain is being deleted.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "pendingDeletion",
"getterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@return
Indicates whether the Elasticsearch domain is being deleted.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PendingDeletion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PendingDeletion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PendingDeletion",
"sensitive" : false,
"setterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@param
pendingDeletion Indicates whether the Elasticsearch domain is being deleted.",
"setterMethodName" : "setPendingDeletion",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : null,

```

```

    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "pendingDeletion",
    "variableType" : "Boolean",
    "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "CreationDate", "UpdateDate", "State" ],
"shapeName" : "OptionStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "optionStatus",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"wrapper" : false
},
"PurchaseReservedElasticsearchInstanceOfferingRequest" : {
  "c2jName" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for parameters to
<code>PurchaseReservedElasticsearchInstanceOffering</code></p>",
  "endpointDiscovery" : null,
  "enums" : null,

```

```

"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "PurchaseReservedElasticsearchInstanceOffering",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/purchaseReservedInstanceOffering",
  "target" : null,
  "verb" : "POST",
  "xmlNamespaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceOfferingId(String)",
  "deprecated" : false,
  "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "getterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@return The ID of the reserved Elasticsearch instance offering to purchase.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
},

```

```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"sensitive" : false,
"setterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@param
reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

```

```

}, {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>A customer-specified identifier to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#reservationName(String)",
  "deprecated" : false,
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param
reservationName A customer-specified identifier to track this reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservationName",
  "getterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@return A
customer-specified identifier to track this reservation.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservationName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservationName",
    "uri" : false
  },
  "idempotencyToken" : false,

```



```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"sensitive" : false,
"setterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param
reservationName A customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getInstanceCount",
  "beanStyleSetterMethodName" : "setInstanceCount",
  "c2jName" : "InstanceCount",
  "c2jShape" : "InstanceCount",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances to
reserve.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#instanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param
instanceCount The number of Elasticsearch instances to reserve.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "instanceCount",
"getterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@return The number of
Elasticsearch instances to reserve.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "InstanceCount",
"sensitive" : false,
"setterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param instanceCount
The number of Elasticsearch instances to reserve.",
"setterMethodName" : "setInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : null,

```

```

    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
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  "variable" : {
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    "variableName" : "instanceCount",
    "variableType" : "Integer",
    "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "InstanceCount" : {
    "beanStyleGetterMethodName" : "getInstanceCount",
    "beanStyleSetterMethodName" : "setInstanceCount",
    "c2jName" : "InstanceCount",
    "c2jShape" : "InstanceCount",
    "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances to
reserve.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#instanceCount(Integer)",
    "deprecated" : false,
    "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "instanceCount",
    "fluentSetterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param
instanceCount The number of Elasticsearch instances to reserve.\n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "instanceCount",
    "getterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@return The number of
Elasticsearch instances to reserve.",
    "getterModel" : {
      "returnType" : "Integer",
      "documentation" : null
    },
    "http" : {

```

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"additionalMarshallingPath" : null,
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"header" : false,
"isPayload" : false,
"isStreaming" : false,
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"marshallLocationName" : "InstanceCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceCount",
"uri" : false
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"listModel" : null,
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"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "InstanceCount",
"sensitive" : false,
"setterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param instanceCount
The number of Elasticsearch instances to reserve.",
"setterMethodName" : "setInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
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"simple" : true,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},

```

```

"ReservationName" : {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>A customer-specified identifier to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#reservationName(String)",
  "deprecated" : false,
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param
reservationName A customer-specified identifier to track this reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservationName",
  "getterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@return A
customer-specified identifier to track this reservation.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservationName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservationName",
    "uri" : false
  },
  "idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"sensitive" : false,
"setterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param
reservationName A customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
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"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to
purchase.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to
create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link
#reservedElasticsearchInstanceOfferingId(String) }. \n@param reservedElasticsearchInstanceOfferingId a consumer
that will call methods on { @link String.Builder } \n@return Returns a reference to this object so that method calls
can be chained together. \n@see #reservedElasticsearchInstanceOfferingId(String)",
  "deprecated" : false,
  "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,

```

```

"eventHeader" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to
purchase.</p>\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance
offering to purchase.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to
purchase.</p>\n@return The ID of the reserved Elasticsearch instance offering to purchase.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"sensitive" : false,
"setterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to
purchase.</p>\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance
offering to purchase.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",

```

```

    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
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    "variableType" : "String",
    "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceOfferingId(String)",
  "deprecated" : false,
  "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "getterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@return The ID of the reserved Elasticsearch instance offering to purchase.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
}
]
}

```



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    },
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      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "ReservedElasticsearchInstanceOfferingId",
    "sensitive" : false,
    "setterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@param
reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.",
    "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
    "setterModel" : {
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      "variableName" : "reservedElasticsearchInstanceOfferingId",
      "variableType" : "String",
      "documentation" : null,
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "String",
      "variableName" : "reservedElasticsearchInstanceOfferingId",
      "variableType" : "String",
      "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
  },

```

```

"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservationName(String)",
  "deprecated" : false,
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param reservationName A customer-specified identifier to track this reservation.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservationName",
  "getterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@return A customer-specified identifier to track this reservation.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservationName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservationName",
  "uri" : false
},

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"idempotencyToken" : false,
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"listModel" : null,
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"mapModel" : null,
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"name" : "ReservationName",
"sensitive" : false,
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reservationName A customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
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  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
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  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getInstanceCount",
  "beanStyleSetterMethodName" : "setInstanceCount",
  "c2jName" : "InstanceCount",
  "c2jShape" : "InstanceCount",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances to
reserve.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#instanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,

```

```

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param
instanceCount The number of Elasticsearch instances to reserve.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "instanceCount",
"getterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@return The number of
Elasticsearch instances to reserve.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "InstanceCount",
"sensitive" : false,
"setterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param instanceCount
The number of Elasticsearch instances to reserve.",
"setterMethodName" : "setInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",

```

```

    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "instanceCount",
    "variableType" : "Integer",
    "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ReservedElasticsearchInstanceOfferingId", "ReservationName" ],
"shapeName" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
  "variableName" : "purchaseReservedElasticsearchInstanceOfferingRequest",
  "variableType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
  "documentation" : null,
  "simpleType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
  "variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingRequest"
},
"wrapper" : false
},
"PurchaseReservedElasticsearchInstanceOfferingResponse" : {
  "c2jName" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Represents the output of a
<code>PurchaseReservedElasticsearchInstanceOffering</code> operation.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,

```

```

"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservedElasticsearchInstanceId(String)}. \n@param reservedElasticsearchInstanceId a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #reservedElasticsearchInstanceId(String)",
  "deprecated" : false,
  "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
  "fluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was
purchased.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceId",
  "getterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\n@return Details of the reserved Elasticsearch instance which was purchased.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,

```

```

"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"sensitive" : false,
"setterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was
purchased.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier used to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link

```

String.Builder#build()} is called immediately and its result is passed to { @link #reservationName(String)}.
@param reservationName a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #reservationName(String)",

```
"deprecated" : false,
"documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservationName",
"fluentSetterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@param reservationName The customer-specified identifier used to track this reservation.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservationName",
"getterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@return The customer-specified identifier used to track this reservation.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservationName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservationName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
```



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"sensitive" : false,
"setterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@param
reservationName The customer-specified identifier used to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "ReservationName" : {
    "beanStyleGetterMethodName" : "getReservationName",
    "beanStyleSetterMethodName" : "setReservationName",
    "c2jName" : "ReservationName",
    "c2jShape" : "ReservationToken",
    "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier used to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#reservationName(String)",
    "deprecated" : false,
    "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "reservationName",
    "fluentSetterDocumentation" : "<p>The customer-specified identifier used to track this
reservation.</p>\n@param reservationName The customer-specified identifier used to track this

```

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reservation.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "reservationName",
    "getterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@return
The customer-specified identifier used to track this reservation.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ReservationName",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ReservationName",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "ReservationName",
    "sensitive" : false,
    "setterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@param
reservationName The customer-specified identifier used to track this reservation.",
    "setterMethodName" : "setReservationName",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "reservationName",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {

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    "variableDeclarationType" : "String",
    "variableName" : "reservationName",
    "variableType" : "String",
    "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceId(String)",
  "deprecated" : false,
  "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
  "fluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceId",
  "getterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@return Details of the reserved Elasticsearch instance which was purchased.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,

```

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"sensitive" : false,
"setterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was
purchased.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",

```

"defaultConsumerFluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceId(String)",

"deprecated" : false,

"documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "reservedElasticsearchInstanceId",

"fluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "reservedElasticsearchInstanceId",

"getterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@return Details of the reserved Elasticsearch instance which was purchased.",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "ReservedElasticsearchInstanceId",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "ReservedElasticsearchInstanceId",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

```

"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"sensitive" : false,
"setterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was
purchased.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier used to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#reservationName(String)",
  "deprecated" : false,
  "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",

```

```

"fluentSetterDocumentation" : "<p>The customer-specified identifier used to track this
reservation.</p>\n@param reservationName The customer-specified identifier used to track this
reservation.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservationName",
"getterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@return
The customer-specified identifier used to track this reservation.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservationName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservationName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"sensitive" : false,
"setterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@param
reservationName The customer-specified identifier used to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,

```

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"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
  "variableName" : "purchaseReservedElasticsearchInstanceOfferingResponse",
  "variableType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
  "documentation" : null,
  "simpleType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
  "variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingResponse"
},
"wrapper" : false
},
"RecurringCharge" : {
  "c2jName" : "RecurringCharge",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Contains the specific price and frequency of a recurring charges for a reserved Elasticsearch instance, or for a reserved Elasticsearch instance offering.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,

```



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"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getRecurringChargeAmount",
  "beanStyleSetterMethodName" : "setRecurringChargeAmount",
  "c2jName" : "RecurringChargeAmount",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\nThis
is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually
via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is
called immediately and its result is passed to { @link #recurringChargeAmount(Double)}. \n@param
recurringChargeAmount a consumer that will call methods on { @link Double.Builder}\n@return Returns a
reference to this object so that method calls can be chained together.\n@see #recurringChargeAmount(Double)",
  "deprecated" : false,
  "documentation" : "<p>The monetary amount of the recurring charge.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "recurringChargeAmount",
  "fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.\n@return Returns a reference to this object
so that method calls can be chained together.",
  "fluentSetterMethodName" : "recurringChargeAmount",
  "getterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@return The monetary
amount of the recurring charge.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringChargeAmount",
  "queryString" : false,

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    "statusCode" : false,
    "unmarshallLocationName" : "RecurringChargeAmount",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "DOUBLE",
  "name" : "RecurringChargeAmount",
  "sensitive" : false,
  "setterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.",
  "setterMethodName" : "setRecurringChargeAmount",
  "setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "recurringChargeAmount",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "recurringChargeAmount",
    "variableType" : "Double",
    "documentation" : "<p>The monetary amount of the recurring charge.</p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getRecurringChargeFrequency",
  "beanStyleSetterMethodName" : "setRecurringChargeFrequency",
  "c2jName" : "RecurringChargeFrequency",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #recurringChargeFrequency(String)}. \n@param
recurringChargeFrequency a consumer that will call methods on { @link String.Builder}\n@return Returns a
reference to this object so that method calls can be chained together.\n@see #recurringChargeFrequency(String)",
  "deprecated" : false,

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"documentation" : "<p>The frequency of the recurring charge.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringChargeFrequency",
"fluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param
recurringChargeFrequency The frequency of the recurring charge.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "recurringChargeFrequency",
"getterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@return The frequency of the
recurring charge.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringChargeFrequency",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RecurringChargeFrequency",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "RecurringChargeFrequency",
"sensitive" : false,
"setterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param recurringChargeFrequency
The frequency of the recurring charge.",
"setterMethodName" : "setRecurringChargeFrequency",
"setterModel" : {

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    "variableDeclarationType" : "String",
    "variableName" : "recurringChargeFrequency",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "recurringChargeFrequency",
    "variableType" : "String",
    "documentation" : "<p>The frequency of the recurring charge.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "RecurringChargeAmount" : {
    "beanStyleGetterMethodName" : "getRecurringChargeAmount",
    "beanStyleSetterMethodName" : "setRecurringChargeAmount",
    "c2jName" : "RecurringChargeAmount",
    "c2jShape" : "Double",
    "defaultConsumerFluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\nThis
is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually
via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is
called immediately and its result is passed to { @link #recurringChargeAmount(Double)}. \n@param
recurringChargeAmount a consumer that will call methods on { @link Double.Builder}\n@return Returns a
reference to this object so that method calls can be chained together.\n@see #recurringChargeAmount(Double)",
    "deprecated" : false,
    "documentation" : "<p>The monetary amount of the recurring charge.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "recurringChargeAmount",
    "fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.\n@return Returns a reference to this object
so that method calls can be chained together.",
    "fluentSetterMethodName" : "recurringChargeAmount",
    "getterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@return The monetary
amount of the recurring charge.",
    "getterModel" : {
      "returnType" : "Double",

```

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    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "RecurringChargeAmount",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "RecurringChargeAmount",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "DOUBLE",
  "name" : "RecurringChargeAmount",
  "sensitive" : false,
  "setterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.",
  "setterMethodName" : "setRecurringChargeAmount",
  "setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "recurringChargeAmount",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "recurringChargeAmount",
    "variableType" : "Double",
    "documentation" : "<p>The monetary amount of the recurring charge.</p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  }

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    },
    "xmlNamespaceUri" : null
  },
  "RecurringChargeFrequency" : {
    "beanStyleGetterMethodName" : "getRecurringChargeFrequency",
    "beanStyleSetterMethodName" : "setRecurringChargeFrequency",
    "c2jName" : "RecurringChargeFrequency",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #recurringChargeFrequency(String)}. \n@param
recurringChargeFrequency a consumer that will call methods on { @link String.Builder}\n@return Returns a
reference to this object so that method calls can be chained together.\n@see #recurringChargeFrequency(String)",
    "deprecated" : false,
    "documentation" : "<p>The frequency of the recurring charge.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "recurringChargeFrequency",
    "fluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param
recurringChargeFrequency The frequency of the recurring charge.\n@return Returns a reference to this object so
that method calls can be chained together.",
    "fluentSetterMethodName" : "recurringChargeFrequency",
    "getterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@return The frequency of the
recurring charge.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "RecurringChargeFrequency",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "RecurringChargeFrequency",
    "uri" : false
  }
}

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    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "RecurringChargeFrequency",
    "sensitive" : false,
    "setterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param recurringChargeFrequency
The frequency of the recurring charge.",
    "setterMethodName" : "setRecurringChargeFrequency",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "recurringChargeFrequency",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "recurringChargeFrequency",
        "variableType" : "String",
        "documentation" : "<p>The frequency of the recurring charge.</p>",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getRecurringChargeAmount",
    "beanStyleSetterMethodName" : "setRecurringChargeAmount",
    "c2jName" : "RecurringChargeAmount",
    "c2jShape" : "Double",
    "defaultConsumerFluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\nThis
is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually
via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is
called immediately and its result is passed to { @link #recurringChargeAmount(Double)}. \n@param
recurringChargeAmount a consumer that will call methods on { @link Double.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #recurringChargeAmount(Double)",
    "deprecated" : false,
    "documentation" : "<p>The monetary amount of the recurring charge.</p>",

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringChargeAmount",
"fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "recurringChargeAmount",
"getterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@return The monetary
amount of the recurring charge.",
"getterModel" : {
  "returnType" : "Double",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringChargeAmount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RecurringChargeAmount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "RecurringChargeAmount",
"sensitive" : false,
"setterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.",
"setterMethodName" : "setRecurringChargeAmount",
"setterModel" : {
  "variableDeclarationType" : "Double",

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    "variableName" : "recurringChargeAmount",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "recurringChargeAmount",
    "variableType" : "Double",
    "documentation" : "<p>The monetary amount of the recurring charge.</p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getRecurringChargeFrequency",
  "beanStyleSetterMethodName" : "setRecurringChargeFrequency",
  "c2jName" : "RecurringChargeFrequency",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #recurringChargeFrequency(String)}. \n@param recurringChargeFrequency a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #recurringChargeFrequency(String)",
  "deprecated" : false,
  "documentation" : "<p>The frequency of the recurring charge.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "recurringChargeFrequency",
  "fluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param recurringChargeFrequency The frequency of the recurring charge.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "recurringChargeFrequency",
  "getterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@return The frequency of the recurring charge.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {

```

```

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "RecurringChargeFrequency",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "RecurringChargeFrequency",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "RecurringChargeFrequency",
"sensitive" : false,
"setterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param recurringChargeFrequency
The frequency of the recurring charge.",
"setterMethodName" : "setRecurringChargeFrequency",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "recurringChargeFrequency",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "recurringChargeFrequency",
  "variableType" : "String",
  "documentation" : "<p>The frequency of the recurring charge.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],

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"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "RecurringCharge",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "RecurringCharge",
  "variableName" : "recurringCharge",
  "variableType" : "RecurringCharge",
  "documentation" : null,
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
},
"wrapper" : false
},
"RemoveTagsRequest" : {
  "c2jName" : "RemoveTagsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for the parameters to the <code><a>RemoveTags</a></code> operation. Specify the <code>ARN</code> for the Elasticsearch domain from which you want to remove the specified <code>TagKey</code>.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "RemoveTags",
    "locationName" : null,
    "requestUri" : "/2015-01-01/tags-removal",
    "target" : null,

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"verb" : "POST",
"xmlNamespaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch
domain from which you want to delete the specified tags.</p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #arn(String)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to
delete the specified tags.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "arn",
  "fluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which
you want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the Elasticsearch
domain from which you want to delete the specified tags. \n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "arn",
  "getterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you
want to delete the specified tags.</p>\n@return Specifies the <code>ARN</code> for the Elasticsearch domain
from which you want to delete the specified tags.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,

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    "statusCode" : false,
    "unmarshallLocationName" : "ARN",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ARN",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you
want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the Elasticsearch domain
from which you want to delete the specified tags.",
  "setterMethodName" : "setArn",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "arn",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "arn",
    "variableType" : "String",
    "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want
to delete the specified tags.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getTagKeys",
  "beanStyleSetterMethodName" : "setTagKeys",
  "c2jName" : "TagKeys",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want
to remove from the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #tagKeys(List<String>)}. \n@param tagKeys a consumer that will call methods on { @link

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List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #tagKeys(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "tagKeys",
    "fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from
the Elasticsearch domain.</p>\n@param tagKeys Specifies the <code>TagKey</code> list which you want
to remove from the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "tagKeys",
    "getterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Specifies the <code>TagKey</code> list which you want
to remove from the Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "java.util.List<String>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "TagKeys",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "TagKeys",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,
    "listModel" : {
        "implType" : "java.util.ArrayList",
        "interfaceType" : "java.util.List",

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"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create
one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #member(String)}. \n@param
member a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagKeys",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>\n\n@param tagKeys Specifies the <code>TagKey</code> list which you want to remove

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from the Elasticsearch domain.",
  "setterMethodName" : "setTagKeys",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "tagKeys",
    "variableType" : "java.util.List<String>",
    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "tagKeys",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "ARN" : {
    "beanStyleGetterMethodName" : "getArn",
    "beanStyleSetterMethodName" : "setArn",
    "c2jName" : "ARN",
    "c2jShape" : "ARN",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch
domain from which you want to delete the specified tags.</p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #arn(String)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want
to delete the specified tags.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "arn",
    "fluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from
which you want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the
Elasticsearch domain from which you want to delete the specified tags. \n@return Returns a reference to this object

```

so that method calls can be chained together.",

```
"fluentSetterMethodName" : "arn",
```

"getterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>\n@return Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.",

```
"getterModel" : {
```

```
  "returnType" : "String",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : null,
```

```
  "marshallLocation" : "PAYLOAD",
```

```
  "marshallLocationName" : "ARN",
```

```
  "queryString" : false,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "ARN",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "ARN",
```

```
"sensitive" : false,
```

"setterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.",

```
"setterMethodName" : "setArn",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "String",
```

```
  "variableName" : "arn",
```

```
  "variableType" : "String",
```

```
  "documentation" : null,
```

```
  "simpleType" : "String",
```

```
  "variableSetterType" : "String"
```

```
},
```

```
"simple" : true,
```

```

"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want
to delete the specified tags.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"TagKeys" : {
  "beanStyleGetterMethodName" : "getTagKeys",
  "beanStyleSetterMethodName" : "setTagKeys",
  "c2jName" : "TagKeys",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you
want to remove from the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #tagKeys(List<String>)}. \n@param tagKeys a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #tagKeys(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "tagKeys",
  "fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from
the Elasticsearch domain.</p>\n@param tagKeys Specifies the <code>TagKey</code> list which you want
to remove from the Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "tagKeys",
  "getterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return Specifies the <code>TagKey</code> list which you want
to remove from the Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "http" : {

```

```

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagKeys",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagKeys",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",

```

```

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : ""

```

```

    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagKeys",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>\n@param tagKeys Specifies the <code>TagKey</code> list which you want to remove
from the Elasticsearch domain.",
"setterMethodName" : "setTagKeys",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "tagKeys",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "tagKeys",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getArn",

```

```

"beanSetterMethodName" : "setArn",
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #arn(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>\n@return Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you
want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the Elasticsearch domain
from which you want to delete the specified tags.",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want
to delete the specified tags.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getTagKeys",
  "beanStyleSetterMethodName" : "setTagKeys",
  "c2jName" : "TagKeys",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want
to remove from the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #tagKeys(List<String>)}. \n@param tagKeys a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #tagKeys(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",

```



```

"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagKeys",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from
the Elasticsearch domain.</p>\n@param tagKeys Specifies the <code>TagKey</code> list which you want to
remove from the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "tagKeys",
"getterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Specifies the <code>TagKey</code> list which you want to
remove from the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TagKeys",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TagKeys",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",

```

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n\n@param member a consumer that will call methods on { @link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(String)",

"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",

"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "member",

"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.",

"getterModel" : {
"returnType" : "String",
"documentation" : null

},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

```

"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagKeys",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>\n\n@param tagKeys Specifies the <code>TagKey</code> list which you want to remove
from the Elasticsearch domain.",
"setterMethodName" : "setTagKeys",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "tagKeys",

```

```

    "variableType" : "java.util.List<String>",
    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "tagKeys",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ARN", "TagKeys" ],
"shapeName" : "RemoveTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "RemoveTagsRequest",
  "variableName" : "removeTagsRequest",
  "variableType" : "RemoveTagsRequest",
  "documentation" : null,
  "simpleType" : "RemoveTagsRequest",
  "variableSetterType" : "RemoveTagsRequest"
},
"wrapper" : false
},
"RemoveTagsResponse" : {
  "c2jName" : "RemoveTagsResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : null,
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,

```

```

"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "RemoveTagsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "RemoveTagsResponse",
  "variableName" : "removeTagsResponse",
  "variableType" : "RemoveTagsResponse",
  "documentation" : null,
  "simpleType" : "RemoveTagsResponse",
  "variableSetterType" : "RemoveTagsResponse"
},
"wrapper" : false
},
"ReservedElasticsearchInstance" : {
  "c2jName" : "ReservedElasticsearchInstance",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Details of a reserved Elasticsearch instance.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,

```

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"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#reservationName(String)",
  "deprecated" : false,
  "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param
reservationName The customer-specified identifier to track this reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservationName",
  "getterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@return The
customer-specified identifier to track this reservation.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservationName",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservationName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ReservationName",
  "sensitive" : false,
  "setterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param
reservationName The customer-specified identifier to track this reservation.",
  "setterMethodName" : "setReservationName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "reservationName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "reservationName",
    "variableType" : "String",
    "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\nThis is a
convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #reservedElasticsearchInstanceId(String)}. \n@param
reservedElasticsearchInstanceId a consumer that will call methods on {@link String.Builder}\n@return Returns a
reference to this object so that method calls can be chained together.\n@see

```

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#reservedElasticsearchInstanceId(String)",
  "deprecated" : false,
  "documentation" : "<p>The unique identifier for the reservation.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
  "fluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param
reservedElasticsearchInstanceId The unique identifier for the reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceId",
  "getterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@return The unique identifier for
the reservation.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservedElasticsearchInstanceId",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ReservedElasticsearchInstanceId",
  "sensitive" : false,
  "setterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param
reservedElasticsearchInstanceId The unique identifier for the reservation.",

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"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>The unique identifier for the reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier.</p>\nThis is a convenience that
creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link
String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param
reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see
#reservedElasticsearchInstanceOfferingId(String)",
  "deprecated" : false,
  "documentation" : "<p>The offering identifier.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "<p>The offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The offering identifier. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "getterDocumentation" : "<p>The offering identifier.</p>\n@return The offering identifier.",
  "getterModel" : {
    "returnType" : "String",

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    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ReservedElasticsearchInstanceOfferingId",
  "sensitive" : false,
  "setterDocumentation" : "<p>The offering identifier.</p>\n@param reservedElasticsearchInstanceOfferingId
The offering identifier.",
  "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "reservedElasticsearchInstanceOfferingId",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "reservedElasticsearchInstanceOfferingId",
    "variableType" : "String",
    "documentation" : "<p>The offering identifier.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  }
}

```

```

    },
    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
    "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
    "c2jName" : "ElasticsearchInstanceType",
    "c2jShape" : "ESPartitionInstanceType",
    "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved
instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchInstanceTypeAsString(String)}. \n@param elasticsearchInstanceType a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #elasticsearchInstanceType(String)",
    "deprecated" : false,
    "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : "ESPartitionInstanceType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "elasticsearchInstanceType",
    "fluentEnumSetterMethodName" : "elasticsearchInstanceType",
    "fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
    "fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance
offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance
offering.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be
chained together.\n@see ESPartitionInstanceType",
    "fluentSetterMethodName" : "elasticsearchInstanceType",
    "getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance
offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#elasticsearchInstanceType} will return { @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}.
The raw value returned by the service is available from { @link
#elasticsearchInstanceTypeAsString}. \n</p>\n@return The Elasticsearch instance type offered by the reserved
instance offering.\n@see ESPartitionInstanceType",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
  }
}

```

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"marshallLocationName" : "ElasticsearchInstanceType",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceType",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStartTime",
  "beanStyleSetterMethodName" : "setStartTime",
  "c2jName" : "StartTime",
  "c2jShape" : "UpdateTimestamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>The time the reservation started.</p>\nThis is a convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via {@link Instant#builder()}. \n\nWhen the {@link Consumer} completes, {@link Instant.Builder#build()} is called immediately and its result is passed to {@link #startTime(Instant)}. \n@param startTime a consumer that will call

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methods on { @link Instant.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #startTime(Instant)",

```
"deprecated" : false,
"documentation" : "<p>The time the reservation started.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTime",
"fluentSetterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "startTime",
"getterDocumentation" : "<p>The time the reservation started.</p>\n@return The time the reservation started.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StartTime",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StartTime",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTime",
"sensitive" : false,
"setterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.",
"setterMethodName" : "setStartTime",
```

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"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTime",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTime",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>The time the reservation started.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDuration",
  "beanStyleSetterMethodName" : "setDuration",
  "c2jName" : "Duration",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #duration(Integer)}. \n@param duration a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #duration(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "duration",
  "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "duration",
  "getterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@return The duration, in seconds, for which the Elasticsearch instance is reserved.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  }
}

```

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},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Duration",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Duration",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"sensitive" : false,
"setterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is
reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.",
"setterMethodName" : "setDuration",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},

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"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getFixedPrice",
  "beanStyleSetterMethodName" : "setFixedPrice",
  "c2jName" : "FixedPrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the { @link
Double.Builder} avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#fixedPrice(Double)}. \n@param fixedPrice a consumer that will call methods on { @link Double.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "fixedPrice",
  "fluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering. \n@return Returns a reference to this object so that method calls
can be chained together.",
  "fluentSetterMethodName" : "fixedPrice",
  "getterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will paid to purchase the specific
reserved Elasticsearch instance offering.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "FixedPrice",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "FixedPrice",

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    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "DOUBLE",
  "name" : "FixedPrice",
  "sensitive" : false,
  "setterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering.",
  "setterMethodName" : "setFixedPrice",
  "setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "fixedPrice",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "fixedPrice",
    "variableType" : "Double",
    "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering. </p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice",
  "c2jName" : "UsagePrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that
is using this reserved instance.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder }
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer }
completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#usagePrice(Double)",

```

```

    "deprecated" : false,
    "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "usagePrice",
    "fluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this
reserved instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this
reserved instance.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "usagePrice",
    "getterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>\n@return The rate you are charged for each hour for the domain that is using this reserved instance.",
    "getterModel" : {
        "returnType" : "Double",
        "documentation" : null
    },
    "http" : {
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        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "UsagePrice",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "UsagePrice",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "DOUBLE",
    "name" : "UsagePrice",
    "sensitive" : false,
    "setterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this reserved

```

```

instance.",
  "setterMethodName" : "setUsagePrice",
  "setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "usagePrice",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "usagePrice",
    "variableType" : "Double",
    "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCurrencyCode",
  "beanStyleSetterMethodName" : "setCurrencyCode",
  "c2jName" : "CurrencyCode",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to
create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #currencyCode(String)}. \n@param
currencyCode a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #currencyCode(String)",
  "deprecated" : false,
  "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "currencyCode",
  "fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "currencyCode",
  "getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@return
The currency code for the reserved Elasticsearch instance offering.",

```

```

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CurrencyCode",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CurrencyCode",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"sensitive" : false,
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param
currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",

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```

    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
  "c2jName" : "ElasticsearchInstanceCount",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchInstanceCount(Integer)}. \n@param elasticsearchInstanceCount a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchInstanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchInstanceCount",
  "fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchInstanceCount",
  "getterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@return The number of Elasticsearch instances that have been reserved.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchInstanceCount",
    "queryString" : false,
    "statusCode" : false,

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    "unmarshallLocationName" : "ElasticsearchInstanceCount",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "ElasticsearchInstanceCount",
  "sensitive" : false,
  "setterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@param
elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.",
  "setterMethodName" : "setElasticsearchInstanceCount",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "elasticsearchInstanceCount",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "elasticsearchInstanceCount",
    "variableType" : "Integer",
    "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getState",
  "beanStyleSetterMethodName" : "setState",
  "c2jName" : "State",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch
instance.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #state(String)}. \n@param state a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #state(String)",
  "deprecated" : false,
  "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "state",
"fluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The
state of the reserved Elasticsearch instance.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "state",
"getterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@return The state of the
reserved Elasticsearch instance.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "State",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "State",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"sensitive" : false,
"setterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The state of
the reserved Elasticsearch instance.",
"setterMethodName" : "setState",
"setterModel" : {
  "variableDeclarationType" : "String",

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    "variableName" : "state",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "state",
    "variableType" : "String",
    "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPaymentOptionAsString",
  "beanStyleSetterMethodName" : "setPaymentOption",
  "c2jName" : "PaymentOption",
  "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
  "defaultConsumerFluentSetterDocumentation" : "<p>The payment option as defined in the reserved
Elasticsearch instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder }
avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes,
{ @link String.Builder#build() } is called immediately and its result is passed to { @link
#paymentOptionAsString(String) }. \n@param paymentOption a consumer that will call methods on { @link
String.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#paymentOption(String)",
  "deprecated" : false,
  "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ReservedElasticsearchInstancePaymentOption",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "paymentOption",
  "fluentEnumSetterMethodName" : "paymentOption",
  "fluentGetterMethodName" : "paymentOptionAsString",
  "fluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance
offering. \n@see ReservedElasticsearchInstancePaymentOption \n@return Returns a reference to this object so that
method calls can be chained together. \n@see ReservedElasticsearchInstancePaymentOption",
  "fluentSetterMethodName" : "paymentOption",
  "getterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#paymentOption } will return { @link
ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the
service is available from { @link #paymentOptionAsString }. \n</p>\n@return The payment option as defined in the

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reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "PaymentOption",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "PaymentOption",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "PaymentOption",
  "sensitive" : false,
  "setterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
  "setterMethodName" : "setPaymentOption",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "paymentOption",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "paymentOption",

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    "variableType" : "String",
    "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the { @link List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link List<RecurringCharge>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link #recurringCharges(List<RecurringCharge>)}. \n@param recurringCharges a consumer that will call methods on { @link List<RecurringCharge>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #recurringCharges(List<RecurringCharge>)",
  "deprecated" : false,
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "recurringCharges",
  "fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "recurringCharges",
  "getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return The charge to your account regardless of whether you are creating any domains using the instance offering.",
  "getterModel" : {
    "returnType" : "java.util.List<RecurringCharge>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

```

```

"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "RecurringCharges",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "RecurringCharges",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need
to create one manually via { @link RecurringCharge#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link
#member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link
RecurringCharge.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(RecurringCharge)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "RecurringCharge",
      "documentation" : null
    }
  },
},

```

```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "RecurringCharge",
  "variableName" : "member",
  "variableType" : "RecurringCharge",
  "documentation" : null,
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "RecurringCharge",
  "variableName" : "member",
  "variableType" : "RecurringCharge",
  "documentation" : "",
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
},
"xmlNamespaceUri" : null

```

```

    },
    "memberLocationName" : null,
    "memberType" : "RecurringCharge",
    "map" : false,
    "memberAdditionalMarshallingPath" : null,
    "memberAdditionalUnmarshallingPath" : null,
    "simple" : false,
    "simpleType" : "RecurringCharge",
    "templateImplType" : "java.util.ArrayList<RecurringCharge>",
    "templateType" : "java.util.List<RecurringCharge>"
  },
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "LIST",
  "name" : "RecurringCharges",
  "sensitive" : false,
  "setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
  "setterMethodName" : "setRecurringCharges",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<RecurringCharge>",
    "variableName" : "recurringCharges",
    "variableType" : "java.util.List<RecurringCharge>",
    "documentation" : null,
    "simpleType" : "List<RecurringCharge>",
    "variableSetterType" : "java.util.Collection<RecurringCharge>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<RecurringCharge>",
    "variableName" : "recurringCharges",
    "variableType" : "java.util.List<RecurringCharge>",
    "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
    "simpleType" : "List<RecurringCharge>",
    "variableSetterType" : "java.util.Collection<RecurringCharge>"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "CurrencyCode" : {
    "beanStyleGetterMethodName" : "getCurrencyCode",
    "beanStyleSetterMethodName" : "setCurrencyCode",
    "c2jName" : "CurrencyCode",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch

```

instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.</p>\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #currencyCode(String)}.</p>\n@param currencyCode a consumer that will call methods on { @link String.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #currencyCode(String)",

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"deprecated" : false,
"documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currencyCode",
"fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.</p>\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "currencyCode",
"getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@return The currency code for the reserved Elasticsearch instance offering.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CurrencyCode",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CurrencyCode",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
```

```

"name" : "CurrencyCode",
"sensitive" : false,
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"Duration" : {
  "beanStyleGetterMethodName" : "getDuration",
  "beanStyleSetterMethodName" : "setDuration",
  "c2jName" : "Duration",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #duration(Integer)}. \n@param duration a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #duration(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "duration",
  "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved. \n@return Returns a reference to this object so that method calls can be chained together."
}

```

```

    "fluentSetterMethodName" : "duration",
    "getterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@return The duration, in seconds, for which the Elasticsearch instance is reserved.",
    "getterModel" : {
      "returnType" : "Integer",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "Duration",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "Duration",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "INTEGER",
    "name" : "Duration",
    "sensitive" : false,
    "setterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.",
    "setterMethodName" : "setDuration",
    "setterModel" : {
      "variableDeclarationType" : "Integer",
      "variableName" : "duration",
      "variableType" : "Integer",
      "documentation" : null,
      "simpleType" : "Integer",
      "variableSetterType" : "Integer"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "Integer",

```



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    "variableName" : "duration",
    "variableType" : "Integer",
    "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
},
"elasticsearchInstanceCount" : {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
  "c2jName" : "ElasticsearchInstanceCount",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchInstanceCount(Integer)}. \n@param elasticsearchInstanceCount a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchInstanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchInstanceCount",
  "fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchInstanceCount",
  "getterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@return The number of Elasticsearch instances that have been reserved.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,

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    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchInstanceCount",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchInstanceCount",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "ElasticsearchInstanceCount",
  "sensitive" : false,
  "setterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@param
elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.",
  "setterMethodName" : "setElasticsearchInstanceCount",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "elasticsearchInstanceCount",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "elasticsearchInstanceCount",
    "variableType" : "Integer",
    "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
},
"ElasticsearchInstanceType" : {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
  "c2jName" : "ElasticsearchInstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved
instance offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the
need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link

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String.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchInstanceTypeAsString(String)}.
@param elasticsearchInstanceType a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #elasticsearchInstanceType(String)",

```
"deprecated" : false,  
"documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",  
"endpointDiscoveryId" : false,  
"enumType" : "ESPartitionInstanceType",  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : "elasticsearchInstanceType",  
"fluentEnumSetterMethodName" : "elasticsearchInstanceType",  
"fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",  
"fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",  
"fluentSetterMethodName" : "elasticsearchInstanceType",  
"getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #elasticsearchInstanceType } will return { @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #elasticsearchInstanceTypeAsString}.\n</p>\n@return The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
```

```
"getterModel" : {  
  "returnType" : "String",  
  "documentation" : null
```

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},
```

```
"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "ElasticsearchInstanceType",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "ElasticsearchInstanceType",  
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,  
"isBinary" : false,  
"jsonValue" : false,  
"list" : false,
```

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"FixedPrice" : {
  "beanStyleGetterMethodName" : "getFixedPrice",
  "beanStyleSetterMethodName" : "setFixedPrice",
  "c2jName" : "FixedPrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}. \n\nWhen the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #fixedPrice(Double)}. \n@param fixedPrice a consumer that will call methods on {@link Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering.\n@return Returns a reference to this object so that method calls
can be chained together.",
"fluentSetterMethodName" : "fixedPrice",
"getterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will paid to purchase the specific
reserved Elasticsearch instance offering.",
"getterModel" : {
  "returnType" : "Double",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "FixedPrice",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "FixedPrice",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"sensitive" : false,
"setterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering.",
"setterMethodName" : "setFixedPrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",

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    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "fixedPrice",
    "variableType" : "Double",
    "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering. </p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
},
"PaymentOption" : {
  "beanStyleGetterMethodName" : "getPaymentOptionAsString",
  "beanStyleSetterMethodName" : "setPaymentOption",
  "c2jName" : "PaymentOption",
  "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
  "defaultConsumerFluentSetterDocumentation" : "<p>The payment option as defined in the reserved
Elasticsearch instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#paymentOptionAsString(String)}. \n@param paymentOption a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#paymentOption(String)",
  "deprecated" : false,
  "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ReservedElasticsearchInstancePaymentOption",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "paymentOption",
  "fluentEnumSetterMethodName" : "paymentOption",
  "fluentGetterMethodName" : "paymentOptionAsString",
  "fluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance
offering.\n@see ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that
method calls can be chained together.\n@see ReservedElasticsearchInstancePaymentOption",
  "fluentSetterMethodName" : "paymentOption",
  "getterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#paymentOption} will return { @link
ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the

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service is available from { @link #paymentOptionAsString}.\n</p>\n@return The payment option as defined in the reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PaymentOption",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PaymentOption",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"sensitive" : false,
"setterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
"setterMethodName" : "setPaymentOption",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
```

```

    "variableName" : "paymentOption",
    "variableType" : "String",
    "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"RecurringCharges" : {
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you
are creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the
{ @link List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link
List<RecurringCharge>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link
#recurringCharges(List<RecurringCharge>)}. \n@param recurringCharges a consumer that will call methods on
{ @link List<RecurringCharge>.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #recurringCharges(List<RecurringCharge>)",
  "deprecated" : false,
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "recurringCharges",
  "fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any
domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of
whether you are creating any domains using the instance offering. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "recurringCharges",
  "getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains
using the instance offering.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return The charge to your account regardless of whether you are
creating any domains using the instance offering.",
  "getterModel" : {
    "returnType" : "java.util.List<RecurringCharge>",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,

```



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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "RecurringCharges",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "RecurringCharges",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need
to create one manually via { @link RecurringCharge#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link
#member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link
RecurringCharge.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(RecurringCharge)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "RecurringCharge",

```

```

    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : null,
    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : "",
    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
  }

```

```

    },
    "xmlNamespaceUri" : null
  },
  "memberLocationName" : null,
  "memberType" : "RecurringCharge",
  "map" : false,
  "memberAdditionalMarshallingPath" : null,
  "memberAdditionalUnmarshallingPath" : null,
  "simple" : false,
  "simpleType" : "RecurringCharge",
  "templateImplType" : "java.util.ArrayList<RecurringCharge>",
  "templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"sensitive" : false,
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"xmlNamespaceUri" : null
},
"ReservationName" : {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",

```

```

"defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservationName(String)",
  "deprecated" : false,
  "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param reservationName The customer-specified identifier to track this reservation. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservationName",
  "getterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@return The customer-specified identifier to track this reservation.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservationName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservationName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,

```

```

"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"sensitive" : false,
"setterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param
reservationName The customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\nThis is a
convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #reservedElasticsearchInstanceId(String)}. \n@param
reservedElasticsearchInstanceId a consumer that will call methods on {@link String.Builder}\n@return Returns a
reference to this object so that method calls can be chained together.\n@see
#reservedElasticsearchInstanceId(String)",
  "deprecated" : false,
  "documentation" : "<p>The unique identifier for the reservation.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceId",

```

```

"fluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param
reservedElasticsearchInstanceId The unique identifier for the reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@return The unique identifier for
the reservation.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"sensitive" : false,
"setterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param
reservedElasticsearchInstanceId The unique identifier for the reservation.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,

```

```

"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>The unique identifier for the reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier.</p>\nThis is a convenience that
creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link
String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param
reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see
#reservedElasticsearchInstanceOfferingId(String)",
  "deprecated" : false,
  "documentation" : "<p>The offering identifier.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "<p>The offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The offering identifier. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "getterDocumentation" : "<p>The offering identifier.</p>\n@return The offering identifier.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,

```

```

    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ReservedElasticsearchInstanceOfferingId",
  "sensitive" : false,
  "setterDocumentation" : "<p>The offering identifier.</p>\n@param reservedElasticsearchInstanceOfferingId
The offering identifier.",
  "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "reservedElasticsearchInstanceOfferingId",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "reservedElasticsearchInstanceOfferingId",
    "variableType" : "String",
    "documentation" : "<p>The offering identifier.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"startTime" : {
  "beanStyleGetterMethodName" : "getStartTime",
  "beanStyleSetterMethodName" : "setStartTime",
  "c2jName" : "StartTime",
  "c2jShape" : "UpdateTimestamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>The time the reservation started.</p>\nThis is a

```


convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}.
When the { @link Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link #startTime(Instant)}.
@param startTime a consumer that will call methods on { @link Instant.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #startTime(Instant)",

```
"deprecated" : false,
"documentation" : "<p>The time the reservation started.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTime",
"fluentSetterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the reservation started.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "startTime",
"getterDocumentation" : "<p>The time the reservation started.</p>\n@return The time the reservation started.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StartTime",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StartTime",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTime",
```

```

"sensitive" : false,
"setterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.",
"setterMethodName" : "setStartTime",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTime",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTime",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>The time the reservation started.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
},
"State" : {
  "beanStyleGetterMethodName" : "getState",
  "beanStyleSetterMethodName" : "setState",
  "c2jName" : "State",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch
instance.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #state(String)}. \n@param state a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #state(String)",
  "deprecated" : false,
  "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "state",
  "fluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The
state of the reserved Elasticsearch instance. \n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "state",

```

```

"getterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@return The state of the reserved Elasticsearch instance.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "State",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "State",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"sensitive" : false,
"setterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The state of the reserved Elasticsearch instance.",
"setterMethodName" : "setState",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",

```

```

    "variableType" : "String",
    "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"UsagePrice" : {
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice",
  "c2jName" : "UsagePrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain
that is using this reserved instance.</p>\nThis is a convenience that creates an instance of the { @link
Double.Builder} avoiding the need to create one manually via { @link Double.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#usagePrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "usagePrice",
  "fluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this
reserved instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this
reserved instance. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "usagePrice",
  "getterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>\n@return The rate you are charged for each hour for the domain that is using this reserved instance.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,

```

```

    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UsagePrice",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UsagePrice",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "DOUBLE",
  "name" : "UsagePrice",
  "sensitive" : false,
  "setterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this reserved
instance.",
  "setterMethodName" : "setUsagePrice",
  "setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "usagePrice",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "usagePrice",
    "variableType" : "Double",
    "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",

```

```

"defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #reservationName(String) }. \n@param reservationName a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservationName(String)",
"deprecated" : false,
"documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservationName",
"fluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param reservationName The customer-specified identifier to track this reservation. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservationName",
"getterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@return The customer-specified identifier to track this reservation.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservationName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservationName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,

```

```

"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"sensitive" : false,
"setterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param
reservationName The customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param
reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see
#reservedElasticsearchInstanceId(String)",
  "deprecated" : false,
  "documentation" : "<p>The unique identifier for the reservation.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
  "fluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param

```

reservedElasticsearchInstanceId The unique identifier for the reservation.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@return The unique identifier for the reservation.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"sensitive" : false,
"setterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param reservedElasticsearchInstanceId The unique identifier for the reservation.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
```



```

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>The unique identifier for the reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier.</p>\nThis is a convenience that
creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link
String#builder() }. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String) }. \n@param
reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder } \n@return
Returns a reference to this object so that method calls can be chained together. \n@see
#reservedElasticsearchInstanceOfferingId(String)",
  "deprecated" : false,
  "documentation" : "<p>The offering identifier.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "<p>The offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The offering identifier. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "getterDocumentation" : "<p>The offering identifier.</p>\n@return The offering identifier.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,

```

```

    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ReservedElasticsearchInstanceOfferingId",
  "sensitive" : false,
  "setterDocumentation" : "<p>The offering identifier.</p>\n@param reservedElasticsearchInstanceOfferingId
The offering identifier.",
  "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "reservedElasticsearchInstanceOfferingId",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "reservedElasticsearchInstanceOfferingId",
    "variableType" : "String",
    "documentation" : "<p>The offering identifier.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
  "c2jName" : "ElasticsearchInstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved
instance offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the
need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link

```

`#elasticsearchInstanceTypeAsString(String)}`.
`@param elasticsearchInstanceType` a consumer that will call methods on `{ @link String.Builder}`.
`@return` Returns a reference to this object so that method calls can be chained together.
`@see #elasticsearchInstanceType(String)`,

"deprecated" : false,

"documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",

"endpointDiscoveryId" : false,

"enumType" : "ESPartitionInstanceType",

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : "elasticsearchInstanceType",

"fluentEnumSetterMethodName" : "elasticsearchInstanceType",

"fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",

"fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>".
`@param elasticsearchInstanceType` The Elasticsearch instance type offered by the reserved instance offering.
`@see ESPartitionInstanceType`.
`@return` Returns a reference to this object so that method calls can be chained together.
`@see ESPartitionInstanceType`,

"fluentSetterMethodName" : "elasticsearchInstanceType",

"getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>".
<p>If the service returns an enum value that is not available in the current SDK version, `{ @link #elasticsearchInstanceType }` will return `{ @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION }`. The raw value returned by the service is available from `{ @link #elasticsearchInstanceTypeAsString }`.</p>".
`@return` The Elasticsearch instance type offered by the reserved instance offering.
`@see ESPartitionInstanceType`,

"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchInstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchInstanceType",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStartTime",
  "beanStyleSetterMethodName" : "setStartTime",
  "c2jName" : "StartTime",
  "c2jShape" : "UpdateTimestamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>The time the reservation started.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link #startTime(Instant)}. \n@param startTime a consumer that will call methods on { @link Instant.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #startTime(Instant)",
  "deprecated" : false,
  "documentation" : "<p>The time the reservation started.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "startTime",

```

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"fluentSetterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "startTime",
"getterDocumentation" : "<p>The time the reservation started.</p>\n@return The time the reservation started.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StartTime",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StartTime",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTime",
"sensitive" : false,
"setterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.",
"setterMethodName" : "setStartTime",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTime",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

```

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    "variableDeclarationType" : "java.time.Instant",
    "variableName" : "startTime",
    "variableType" : "java.time.Instant",
    "documentation" : "<p>The time the reservation started.</p>",
    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDuration",
  "beanStyleSetterMethodName" : "setDuration",
  "c2jName" : "Duration",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #duration(Integer)}. \n@param duration a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #duration(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "duration",
  "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "duration",
  "getterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@return The duration, in seconds, for which the Elasticsearch instance is reserved.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",

```

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    "marshallLocationName" : "Duration",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Duration",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "Duration",
  "sensitive" : false,
  "setterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.",
  "setterMethodName" : "setDuration",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "duration",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "duration",
    "variableType" : "Integer",
    "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getFixedPrice",
  "beanStyleSetterMethodName" : "setFixedPrice",
  "c2jName" : "FixedPrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}. \n\nWhen the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #fixedPrice(Double)}. \n@param fixedPrice a consumer that will call methods on {@link Double.Builder}\n@return

```

Returns a reference to this object so that method calls can be chained together.\n@see #fixedPrice(Double)",

```

    "deprecated" : false,
    "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "fixedPrice",
    "fluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering.\n@return Returns a reference to this object so that method calls
can be chained together.",
    "fluentSetterMethodName" : "fixedPrice",
    "getterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will paid to purchase the specific
reserved Elasticsearch instance offering.",
    "getterModel" : {
      "returnType" : "Double",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "FixedPrice",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "FixedPrice",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "DOUBLE",
    "name" : "FixedPrice",

```



```

"sensitive" : false,
"setterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering.",
"setterMethodName" : "setFixedPrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering. </p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice",
  "c2jName" : "UsagePrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that
is using this reserved instance.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder }
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer }
completes, { @link Double.Builder#build() } is called immediately and its result is passed to { @link
#usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#usagePrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "usagePrice",
  "fluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this

```

reserved instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this reserved instance.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "usagePrice",

"getterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>\n@return The rate you are charged for each hour for the domain that is using this reserved instance.",

"getterModel" : {

"returnType" : "Double",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "UsagePrice",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "UsagePrice",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "DOUBLE",

"name" : "UsagePrice",

"sensitive" : false,

"setterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this reserved instance.",

"setterMethodName" : "setUsagePrice",

"setterModel" : {

"variableDeclarationType" : "Double",

"variableName" : "usagePrice",

"variableType" : "Double",

"documentation" : null,

"simpleType" : "Double",

"variableSetterType" : "Double"

},

"simple" : true,

```

"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCurrencyCode",
  "beanStyleSetterMethodName" : "setCurrencyCode",
  "c2jName" : "CurrencyCode",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to
create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #currencyCode(String)}. \n@param
currencyCode a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #currencyCode(String)",
  "deprecated" : false,
  "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "currencyCode",
  "fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "currencyCode",
  "getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@return
The currency code for the reserved Elasticsearch instance offering.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,

```

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    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CurrencyCode",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CurrencyCode",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "CurrencyCode",
  "sensitive" : false,
  "setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param
currencyCode The currency code for the reserved Elasticsearch instance offering.",
  "setterMethodName" : "setCurrencyCode",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
  "c2jName" : "ElasticsearchInstanceCount",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been
reserved.</p>\nThis is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to

```

create one manually via {@link Integer#builder()}.
When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchInstanceCount(Integer)}.
@param elasticsearchInstanceCount a consumer that will call methods on {@link Integer.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #elasticsearchInstanceCount(Integer)",

```
"deprecated" : false,
"documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchInstanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchInstanceCount",
"getterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@return The number of Elasticsearch instances that have been reserved.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchInstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchInstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
```

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"name" : "ElasticsearchInstanceCount",
"sensitive" : false,
"setterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@param
elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.",
"setterMethodName" : "setElasticsearchInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "elasticsearchInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "elasticsearchInstanceCount",
  "variableType" : "Integer",
  "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getState",
  "beanStyleSetterMethodName" : "setState",
  "c2jName" : "State",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch
instance.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #state(String)}. \n@param state a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #state(String)",
  "deprecated" : false,
  "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "state",
  "fluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The
state of the reserved Elasticsearch instance. \n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "state",

```

```

"getterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@return The state of the reserved Elasticsearch instance.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "State",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "State",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"sensitive" : false,
"setterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The state of the reserved Elasticsearch instance.",
"setterMethodName" : "setState",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",

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    "variableType" : "String",
    "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPaymentOptionAsString",
  "beanStyleSetterMethodName" : "setPaymentOption",
  "c2jName" : "PaymentOption",
  "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
  "defaultConsumerFluentSetterDocumentation" : "<p>The payment option as defined in the reserved
Elasticsearch instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#paymentOptionAsString(String)}. \n@param paymentOption a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#paymentOption(String)",
  "deprecated" : false,
  "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ReservedElasticsearchInstancePaymentOption",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "paymentOption",
  "fluentEnumSetterMethodName" : "paymentOption",
  "fluentGetterMethodName" : "paymentOptionAsString",
  "fluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance
offering.\n@see ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that
method calls can be chained together.\n@see ReservedElasticsearchInstancePaymentOption",
  "fluentSetterMethodName" : "paymentOption",
  "getterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#paymentOption} will return { @link
ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the
service is available from { @link #paymentOptionAsString}. \n</p>\n@return The payment option as defined in the
reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

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    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "PaymentOption",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "PaymentOption",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "PaymentOption",
  "sensitive" : false,
  "setterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
  "setterMethodName" : "setPaymentOption",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "paymentOption",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "paymentOption",
    "variableType" : "String",
    "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",

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"defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are
creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the {@link
List<RecurringCharge>.Builder} avoiding the need to create one manually via {@link
List<RecurringCharge>#builder()}. \n\nWhen the {@link Consumer} completes, {@link
List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to {@link
#recurringCharges(List<RecurringCharge>)}.\n@param recurringCharges a consumer that will call methods on
{@link List<RecurringCharge>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #recurringCharges(List<RecurringCharge>)",
"deprecated" : false,
"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringCharges",
"fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any
domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of
whether you are creating any domains using the instance offering.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "recurringCharges",
"getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains
using the instance offering.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The charge to your account regardless of whether you are
creating any domains using the instance offering.",
"getterModel" : {
  "returnType" : "java.util.List<RecurringCharge>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringCharges",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RecurringCharges",
  "uri" : false
},
"idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need
to create one manually via { @link RecurringCharge.Builder}. \n\nWhen the { @link Consumer} completes,
{ @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link
#member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link
RecurringCharge.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(RecurringCharge)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "RecurringCharge",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "member",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : null,
    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : "",
    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},

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"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"sensitive" : false,
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ReservedElasticsearchInstance",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ReservedElasticsearchInstance",
  "variableName" : "reservedElasticsearchInstance",
  "variableType" : "ReservedElasticsearchInstance",
  "documentation" : null,
  "simpleType" : "ReservedElasticsearchInstance",
  "variableSetterType" : "ReservedElasticsearchInstance"
},
"wrapper" : false

```

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},
"ReservedElasticsearchInstanceOffering" : {
  "c2jName" : "ReservedElasticsearchInstanceOffering",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Details of a reserved Elasticsearch instance offering.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
    "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
    "c2jName" : "ReservedElasticsearchInstanceOfferingId",
    "c2jShape" : "GUID",
    "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering
identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer
that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls
can be chained together.\n@see #reservedElasticsearchInstanceOfferingId(String)",
    "deprecated" : false,
    "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
    "fluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\n@return Returns a
reference to this object so that method calls can be chained together."
  }
]
}

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"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@return The
Elasticsearch reserved instance offering identifier.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",

```

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    "variableName" : "reservedElasticsearchInstanceOfferingId",
    "variableType" : "String",
    "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
  "c2jName" : "ElasticsearchInstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchInstanceTypeAsString(String)}. \n@param elasticsearchInstanceType a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchInstanceType(String)",
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ESPartitionInstanceType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "elasticsearchInstanceType",
  "fluentEnumSetterMethodName" : "elasticsearchInstanceType",
  "fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
  "fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering. \n@see ESPartitionInstanceType \n@return Returns a reference to this object so that method calls can be chained together. \n@see ESPartitionInstanceType",
  "fluentSetterMethodName" : "elasticsearchInstanceType",
  "getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, {@link #elasticsearchInstanceType} will return {@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #elasticsearchInstanceTypeAsString}. \n</p>\n@return The Elasticsearch instance type offered by the reserved instance offering. \n@see ESPartitionInstanceType",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

```



```

    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchInstanceType",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchInstanceType",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ElasticsearchInstanceType",
  "sensitive" : false,
  "setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
  "setterMethodName" : "setElasticsearchInstanceType",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchInstanceType",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchInstanceType",
    "variableType" : "String",
    "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDuration",
  "beanStyleSetterMethodName" : "setDuration",
  "c2jName" : "Duration",

```

```

    "c2jShape" : "Integer",
    "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will
reserve the Elasticsearch instance.</p>\nThis is a convenience that creates an instance of the { @link
Integer.Builder} avoiding the need to create one manually via { @link Integer.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link
Integer.Builder#duration(Integer)}. \n@param duration a consumer that will call methods on { @link Integer.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #duration(Integer)",
    "deprecated" : false,
    "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "duration",
    "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the
Elasticsearch instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the
Elasticsearch instance.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "duration",
    "getterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>\n@return The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
    "getterModel" : {
        "returnType" : "Integer",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Duration",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Duration",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,

```

```

"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"sensitive" : false,
"setterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
"setterMethodName" : "setDuration",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getFixedPrice",
  "beanStyleSetterMethodName" : "setFixedPrice",
  "c2jName" : "FixedPrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}. \n\nWhen the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #fixedPrice(Double)}. \n@param fixedPrice a consumer that will call methods on {@link Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,

```

```

"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering.\n@return Returns a reference to this object so that method calls
can be chained together.",
"fluentSetterMethodName" : "fixedPrice",
"getterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will pay to purchase the specific
reserved Elasticsearch instance offering.",
"getterModel" : {
  "returnType" : "Double",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "FixedPrice",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "FixedPrice",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"sensitive" : false,
"setterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering.",
"setterMethodName" : "setFixedPrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",

```

```

    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "fixedPrice",
    "variableType" : "Double",
    "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch
instance offering. </p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice",
  "c2jName" : "UsagePrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is
using the offering is running.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder}
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#usagePrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "usagePrice",
  "fluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering
is running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is
running. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "usagePrice",
  "getterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>\n@return The rate you are charged for each hour the domain that is using the offering is running.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
}

```

```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UsagePrice",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UsagePrice",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"sensitive" : false,
"setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.",
"setterMethodName" : "setUsagePrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
}

```

```

    },
    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getCurrencyCode",
    "beanStyleSetterMethodName" : "setCurrencyCode",
    "c2jName" : "CurrencyCode",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #currencyCode(String)}. \n@param currencyCode a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #currencyCode(String)",
    "deprecated" : false,
    "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "currencyCode",
    "fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "currencyCode",
    "getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@return The currency code for the reserved Elasticsearch instance offering.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CurrencyCode",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CurrencyCode",
    "uri" : false
  }
},

```

```

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"sensitive" : false,
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param
currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPaymentOptionAsString",
  "beanStyleSetterMethodName" : "setPaymentOption",
  "c2jName" : "PaymentOption",
  "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
  "defaultConsumerFluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance
offering</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#paymentOptionAsString(String)}. \n@param paymentOption a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#paymentOption(String)",
  "deprecated" : false,
  "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ReservedElasticsearchInstancePaymentOption",

```



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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "paymentOption",
"fluentEnumSetterMethodName" : "paymentOption",
"fluentGetterMethodName" : "paymentOptionAsString",
"fluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n@param paymentOption Payment option for the reserved Elasticsearch instance offering\n@see ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that method calls can be chained together.\n@see ReservedElasticsearchInstancePaymentOption",
"fluentSetterMethodName" : "paymentOption",
"getterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, {@link #paymentOption} will return {@link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #paymentOptionAsString}.\n</p>\n@return Payment option for the reserved Elasticsearch instance offering\n@see ReservedElasticsearchInstancePaymentOption",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PaymentOption",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PaymentOption",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"sensitive" : false,
"setterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n@param paymentOption Payment option for the reserved Elasticsearch instance offering\n@see ReservedElasticsearchInstancePaymentOption",

```

```

"setterMethodName" : "setPaymentOption",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the { @link List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link List<RecurringCharge>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link #recurringCharges(List<RecurringCharge>)}. \n@param recurringCharges a consumer that will call methods on { @link List<RecurringCharge>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #recurringCharges(List<RecurringCharge>)",
  "deprecated" : false,
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "recurringCharges",
  "fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "recurringCharges",

```

"getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return The charge to your account regardless of whether you are creating any domains using the instance offering.",

```
"getterModel" : {  
  "returnType" : "java.util.List<RecurringCharge>",  
  "documentation" : null
```

```
},
```

```
"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "RecurringCharges",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "RecurringCharges",  
  "uri" : false
```

```
},
```

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"idempotencyToken" : false,
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"isBinary" : false,
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"jsonValue" : false,
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"list" : true,
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"listModel" : {
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  "implType" : "java.util.ArrayList",
```

```
  "interfaceType" : "java.util.List",
```

```
  "listMemberModel" : {
```

```
    "beanStyleGetterMethodName" : "getMember",
```

```
    "beanStyleSetterMethodName" : "setMember",
```

```
    "c2jName" : "member",
```

```
    "c2jShape" : "RecurringCharge",
```

```
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need to create one manually via { @link RecurringCharge#builder()}. \n\nWhen the { @link Consumer} completes, { @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link #member(RecurringCharge)}. \n\n@param member a consumer that will call methods on { @link RecurringCharge.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(RecurringCharge)",
```

```
  "deprecated" : false,
```

```
  "documentation" : "",
```

```
  "endpointDiscoveryId" : false,
```

```
  "enumType" : null,
```

```
  "eventHeader" : false,
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```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "RecurringCharge",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "RecurringCharge",
  "variableName" : "member",
  "variableType" : "RecurringCharge",
  "documentation" : null,

```

```

    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : "",
    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"sensitive" : false,
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",

```

```

"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
"CurrencyCode" : {
"beanStyleGetterMethodName" : "getCurrencyCode",
"beanStyleSetterMethodName" : "setCurrencyCode",
"c2jName" : "CurrencyCode",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch
instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #currencyCode(String)}. \n@param
currencyCode a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #currencyCode(String)",
"deprecated" : false,
"documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currencyCode",
"fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "currencyCode",
"getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@return The currency code for the reserved Elasticsearch instance offering.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",

```

```

    "marshallLocationName" : "CurrencyCode",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CurrencyCode",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "CurrencyCode",
  "sensitive" : false,
  "setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
  "setterMethodName" : "setCurrencyCode",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"Duration" : {
  "beanStyleGetterMethodName" : "getDuration",
  "beanStyleSetterMethodName" : "setDuration",
  "c2jName" : "Duration",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer.Builder}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link

```

```

#duration(Integer)}.
\n@param duration a consumer that will call methods on { @link Integer.Builder}
\n@return Returns a reference to this object so that method calls can be chained together.
\n@see #duration(Integer)",
    "deprecated" : false,
    "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "duration",
    "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the
Elasticsearch instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the
Elasticsearch instance.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "duration",
    "getterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>\n@return The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
    "getterModel" : {
        "returnType" : "Integer",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Duration",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Duration",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "INTEGER",
    "name" : "Duration",
    "sensitive" : false,

```



```

"setterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.",
"setterMethodName" : "setDuration",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"ElasticsearchInstanceType" : {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
  "c2jName" : "ElasticsearchInstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved
instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchInstanceTypeAsString(String)}. \n@param elasticsearchInstanceType a consumer that will call
methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #elasticsearchInstanceType(String)",
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ESPartitionInstanceType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "elasticsearchInstanceType",
  "fluentEnumSetterMethodName" : "elasticsearchInstanceType",
  "fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
  "fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance
offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance

```

offering.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",

```
"fluentSetterMethodName" : "elasticsearchInstanceType",
```

"getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #elasticsearchInstanceType } will return { @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}.

The raw value returned by the service is available from { @link

#elasticsearchInstanceTypeAsString}.\n</p>\n@return The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",

```
"getterModel" : {
```

```
  "returnType" : "String",
```

```
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,
```

```
  "additionalUnmarshallingPath" : null,
```

```
  "flattened" : false,
```

```
  "greedy" : false,
```

```
  "header" : false,
```

```
  "isPayload" : false,
```

```
  "isStreaming" : false,
```

```
  "location" : null,
```

```
  "marshallLocation" : "PAYLOAD",
```

```
  "marshallLocationName" : "ElasticsearchInstanceType",
```

```
  "queryString" : false,
```

```
  "statusCode" : false,
```

```
  "unmarshallLocationName" : "ElasticsearchInstanceType",
```

```
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "ElasticsearchInstanceType",
```

```
"sensitive" : false,
```

```
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance
```

offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance

offering.\n@see ESPartitionInstanceType",

```
"setterMethodName" : "setElasticsearchInstanceType",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "String",
```

```
  "variableName" : "elasticsearchInstanceType",
```

```
  "variableType" : "String",
```

```
  "documentation" : null,
```

```

    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchInstanceType",
    "variableType" : "String",
    "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"FixedPrice" : {
  "beanStyleGetterMethodName" : "getFixedPrice",
  "beanStyleSetterMethodName" : "setFixedPrice",
  "c2jName" : "FixedPrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double.Builder#builder()}. \n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link #fixedPrice(Double)}. \n@param fixedPrice a consumer that will call methods on { @link Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "fixedPrice",
  "fluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "fixedPrice",
  "getterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
},

```

```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "FixedPrice",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "FixedPrice",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"sensitive" : false,
"setterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering.",
"setterMethodName" : "setFixedPrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch
instance offering. </p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"

```

```

    },
    "xmlNamespaceUri" : null
  },
  "PaymentOption" : {
    "beanStyleGetterMethodName" : "getPaymentOptionAsString",
    "beanStyleSetterMethodName" : "setPaymentOption",
    "c2jName" : "PaymentOption",
    "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
    "defaultConsumerFluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #paymentOptionAsString(String)}. \n@param paymentOption a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see #paymentOption(String)",
    "deprecated" : false,
    "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
    "endpointDiscoveryId" : false,
    "enumType" : "ReservedElasticsearchInstancePaymentOption",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "paymentOption",
    "fluentEnumSetterMethodName" : "paymentOption",
    "fluentGetterMethodName" : "paymentOptionAsString",
    "fluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n@param paymentOption Payment option for the reserved Elasticsearch instance offering\n@see ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that method calls can be chained together. \n@see ReservedElasticsearchInstancePaymentOption",
    "fluentSetterMethodName" : "paymentOption",
    "getterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #paymentOption} will return { @link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #paymentOptionAsString}. \n</p>\n@return Payment option for the reserved Elasticsearch instance offering\n@see ReservedElasticsearchInstancePaymentOption",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",

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    "marshallLocationName" : "PaymentOption",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "PaymentOption",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "PaymentOption",
  "sensitive" : false,
  "setterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n@param
paymentOption Payment option for the reserved Elasticsearch instance offering\n@see
ReservedElasticsearchInstancePaymentOption",
  "setterMethodName" : "setPaymentOption",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "paymentOption",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "paymentOption",
    "variableType" : "String",
    "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"RecurringCharges" : {
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you
are creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the
{@link List<RecurringCharge>.Builder} avoiding the need to create one manually via {@link

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List<RecurringCharge>#builder()).\n\nWhen the { @link Consumer} completes, { @link
List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link
#recurringCharges(List<RecurringCharge>)}.\n@param recurringCharges a consumer that will call methods on
{ @link List<RecurringCharge>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #recurringCharges(List<RecurringCharge>)",
    "deprecated" : false,
    "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "recurringCharges",
    "fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any
domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of
whether you are creating any domains using the instance offering.\n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "recurringCharges",
    "getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains
using the instance offering.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The charge to your account regardless of whether you are
creating any domains using the instance offering.",
    "getterModel" : {
        "returnType" : "java.util.List<RecurringCharge>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "RecurringCharges",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "RecurringCharges",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,

```

```

"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need
to create one manually via { @link RecurringCharge.Builder}. \n\nWhen the { @link Consumer} completes,
{ @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link
#member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link
RecurringCharge.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(RecurringCharge)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "RecurringCharge",
      "documentation" : null
    },
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
  },

```



```

    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : null,
    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : "",
    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",

```

```

"name" : "RecurringCharges",
"sensitive" : false,
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceOfferingId(String)",
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",

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"fluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@return The
Elasticsearch reserved instance offering identifier.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,

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"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"UsagePrice" : {
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice",
  "c2jName" : "UsagePrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link #usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #usagePrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "usagePrice",
  "fluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is running. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "usagePrice",
  "getterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>\n@return The rate you are charged for each hour the domain that is using the offering is running.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,

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    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UsagePrice",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UsagePrice",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "DOUBLE",
  "name" : "UsagePrice",
  "sensitive" : false,
  "setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.",
  "setterMethodName" : "setUsagePrice",
  "setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "usagePrice",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "usagePrice",
    "variableType" : "Double",
    "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {

```

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"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"c2jName" : "ReservedElasticsearchInstanceOfferingId",
"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering
identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to
create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link
#reservedElasticsearchInstanceOfferingId(String) }. \n@param reservedElasticsearchInstanceOfferingId a consumer
that will call methods on { @link String.Builder } \n@return Returns a reference to this object so that method calls
can be chained together. \n@see #reservedElasticsearchInstanceOfferingId(String)",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier. \n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@return The
Elasticsearch reserved instance offering identifier.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
  "c2jName" : "ElasticsearchInstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved
instance offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the
need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link
#elasticsearchInstanceTypeAsString(String)}. \n@param elasticsearchInstanceType a consumer that will call
methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #elasticsearchInstanceType(String)",
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ESPartitionInstanceType",
  "eventHeader" : false,
  "eventPayload" : false,

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"fluentEnumGetterMethodName" : "elasticsearchInstanceType",
"fluentEnumSetterMethodName" : "elasticsearchInstanceType",
"fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
"fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName" : "elasticsearchInstanceType",
"getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #elasticsearchInstanceType } will return { @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #elasticsearchInstanceTypeAsString}.\n</p>\n@return The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchInstanceType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchInstanceType",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"sensitive" : false,
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",

```



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"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDuration",
  "beanStyleSetterMethodName" : "setDuration",
  "c2jName" : "Duration",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer.Builder#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link Integer.Builder#duration(Integer)}. \n@param duration a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #duration(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "duration",
  "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "duration",
  "getterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n@return The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
  "getterModel" : {
    "returnType" : "Integer",

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    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Duration",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Duration",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "Duration",
  "sensitive" : false,
  "setterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
  "setterMethodName" : "setDuration",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "duration",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "duration",
    "variableType" : "Integer",
    "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",

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    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getFixedPrice",
  "beanStyleSetterMethodName" : "setFixedPrice",
  "c2jName" : "FixedPrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the { @link
Double.Builder} avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#fixedPrice(Double)}. \n@param fixedPrice a consumer that will call methods on { @link Double.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch
instance offering. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "fixedPrice",
  "fluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering. \n@return Returns a reference to this object so that method calls
can be chained together.",
  "fluentSetterMethodName" : "fixedPrice",
  "getterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will pay to purchase the specific
reserved Elasticsearch instance offering.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "FixedPrice",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "FixedPrice",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "DOUBLE",
  "name" : "FixedPrice",
  "sensitive" : false,
  "setterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering.",
  "setterMethodName" : "setFixedPrice",
  "setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "fixedPrice",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "fixedPrice",
    "variableType" : "Double",
    "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch
instance offering. </p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice",
  "c2jName" : "UsagePrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is
using the offering is running.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder}
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link

```

```

#usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#usagePrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "usagePrice",
  "fluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering
is running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is
running. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "usagePrice",
  "getterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>\n@return The rate you are charged for each hour the domain that is using the offering is running.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UsagePrice",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UsagePrice",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "DOUBLE",
  "name" : "UsagePrice",

```

```

"sensitive" : false,
"setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.",
"setterMethodName" : "setUsagePrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCurrencyCode",
  "beanStyleSetterMethodName" : "setCurrencyCode",
  "c2jName" : "CurrencyCode",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #currencyCode(String)}. \n@param currencyCode a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #currencyCode(String)",
  "deprecated" : false,
  "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "currencyCode",
  "fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n@return Returns a reference to this object so that method calls can be chained together.",

```

```

"fluentSetterMethodName" : "currencyCode",
"getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@return
The currency code for the reserved Elasticsearch instance offering.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CurrencyCode",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CurrencyCode",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"sensitive" : false,
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param
currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",

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```

    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPaymentOptionAsString",
  "beanStyleSetterMethodName" : "setPaymentOption",
  "c2jName" : "PaymentOption",
  "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
  "defaultConsumerFluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #paymentOptionAsString(String)}. \n@param paymentOption a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #paymentOption(String)",
  "deprecated" : false,
  "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "ReservedElasticsearchInstancePaymentOption",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "paymentOption",
  "fluentEnumSetterMethodName" : "paymentOption",
  "fluentGetterMethodName" : "paymentOptionAsString",
  "fluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n@param paymentOption Payment option for the reserved Elasticsearch instance offering \n@see ReservedElasticsearchInstancePaymentOption \n@return Returns a reference to this object so that method calls can be chained together. \n@see ReservedElasticsearchInstancePaymentOption",
  "fluentSetterMethodName" : "paymentOption",
  "getterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #paymentOption} will return { @link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #paymentOptionAsString}. \n</p>\n@return Payment option for the reserved Elasticsearch instance offering \n@see ReservedElasticsearchInstancePaymentOption",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

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    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "PaymentOption",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "PaymentOption",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "PaymentOption",
  "sensitive" : false,
  "setterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n@param
paymentOption Payment option for the reserved Elasticsearch instance offering\n@see
ReservedElasticsearchInstancePaymentOption",
  "setterMethodName" : "setPaymentOption",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "paymentOption",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "paymentOption",
    "variableType" : "String",
    "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",

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```

"defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are
creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the {@link
List<RecurringCharge>.Builder} avoiding the need to create one manually via {@link
List<RecurringCharge>#builder()}. \n\nWhen the {@link Consumer} completes, {@link
List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to {@link
#recurringCharges(List<RecurringCharge>)}.\n@param recurringCharges a consumer that will call methods on
{@link List<RecurringCharge>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #recurringCharges(List<RecurringCharge>)",
"deprecated" : false,
"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringCharges",
"fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any
domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of
whether you are creating any domains using the instance offering.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "recurringCharges",
"getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains
using the instance offering.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The charge to your account regardless of whether you are
creating any domains using the instance offering.",
"getterModel" : {
  "returnType" : "java.util.List<RecurringCharge>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringCharges",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RecurringCharges",
  "uri" : false
},
"idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need
to create one manually via { @link RecurringCharge.Builder}. \n\nWhen the { @link Consumer} completes,
{ @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link
#member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link
RecurringCharge.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(RecurringCharge)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "RecurringCharge",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "member",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : null,
    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : "",
    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},

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"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"sensitive" : false,
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ReservedElasticsearchInstanceOffering",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
  "variableName" : "reservedElasticsearchInstanceOffering",
  "variableType" : "ReservedElasticsearchInstanceOffering",
  "documentation" : null,
  "simpleType" : "ReservedElasticsearchInstanceOffering",
  "variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"wrapper" : false

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},
"ReservedElasticsearchInstancePaymentOption" : {
  "c2jName" : "ReservedElasticsearchInstancePaymentOption",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscovery" : null,
  "enums" : [ {
    "name" : "ALL_UPFRONT",
    "value" : "ALL_UPFRONT"
  }, {
    "name" : "PARTIAL_UPFRONT",
    "value" : "PARTIAL_UPFRONT"
  }, {
    "name" : "NO_UPFRONT",
    "value" : "NO_UPFRONT"
  } ],
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "ReservedElasticsearchInstancePaymentOption",
  "simpleMethod" : false,
  "unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
  },
  "variable" : {
    "variableDeclarationType" : "ReservedElasticsearchInstancePaymentOption",
    "variableName" : "reservedElasticsearchInstancePaymentOption",

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    "variableType" : "ReservedElasticsearchInstancePaymentOption",
    "documentation" : null,
    "simpleType" : "ReservedElasticsearchInstancePaymentOption",
    "variableSetterType" : "ReservedElasticsearchInstancePaymentOption"
  },
  "wrapper" : false
},
"ResourceAlreadyExistsException" : {
  "c2jName" : "ResourceAlreadyExistsException",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>An exception for creating a resource that already exists. Gives http status code of 400.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : "ResourceAlreadyExistsException",
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : 409,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "ResourceAlreadyExistsException",
  "simpleMethod" : false,
  "unmarshaller" : null,
  "variable" : {
    "variableDeclarationType" : "ResourceAlreadyExistsException",
    "variableName" : "resourceAlreadyExistsException",
    "variableType" : "ResourceAlreadyExistsException",
    "documentation" : null,
    "simpleType" : "ResourceAlreadyExistsException",
    "variableSetterType" : "ResourceAlreadyExistsException"
  },

```

```

"wrapper" : false
},
"ResourceNotFoundException" : {
  "c2jName" : "ResourceNotFoundException",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : "ResourceNotFoundException",
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : 409,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqn" : null,
  "required" : null,
  "shapeName" : "ResourceNotFoundException",
  "simpleMethod" : false,
  "unmarshaller" : null,
  "variable" : {
    "variableDeclarationType" : "ResourceNotFoundException",
    "variableName" : "resourceNotFoundException",
    "variableType" : "ResourceNotFoundException",
    "documentation" : null,
    "simpleType" : "ResourceNotFoundException",
    "variableSetterType" : "ResourceNotFoundException"
  },
  "wrapper" : false
},
"ServiceSoftwareOptions" : {
  "c2jName" : "ServiceSoftwareOptions",
  "customization" : {

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"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The current options of an Elasticsearch domain service software options.</p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getCurrentVersion",
  "beanStyleSetterMethodName" : "setCurrentVersion",
  "c2jName" : "CurrentVersion",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #currentVersion(String)}. \n@param
currentVersion a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #currentVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The current service software version that is present on the domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "currentVersion",
  "fluentSetterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\n@param currentVersion The current service software version that is present on the domain. \n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "currentVersion",
  "getterDocumentation" : "<p>The current service software version that is present on the domain.</p>\n@return
The current service software version that is present on the domain.",
  "getterModel" : {
    "returnType" : "String",

```

```

"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CurrentVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CurrentVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrentVersion",
"sensitive" : false,
"setterDocumentation" : "<p>The current service software version that is present on the domain.</p>\n@param
currentVersion The current service software version that is present on the domain.",
"setterMethodName" : "setCurrentVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currentVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currentVersion",
  "variableType" : "String",
  "documentation" : "<p>The current service software version that is present on the domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
}

```

```

    },
    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getNewVersion",
    "beanStyleSetterMethodName" : "setNewVersion",
    "c2jName" : "NewVersion",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>The new service software version if one is
available.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #newVersion(String)}. \n@param
newVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #newVersion(String)",
    "deprecated" : false,
    "documentation" : "<p>The new service software version if one is available.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "newVersion",
    "fluentSetterDocumentation" : "<p>The new service software version if one is available.</p>\n@param
newVersion The new service software version if one is available.\n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "newVersion",
    "getterDocumentation" : "<p>The new service software version if one is available.</p>\n@return The new
service software version if one is available.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NewVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NewVersion",
    "uri" : false
  },
}

```

```

    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "NewVersion",
    "sensitive" : false,
    "setterDocumentation" : "<p>The new service software version if one is available.</p>\n@param newVersion
The new service software version if one is available.",
    "setterMethodName" : "setNewVersion",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "newVersion",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "newVersion",
        "variableType" : "String",
        "documentation" : "<p>The new service software version if one is available.</p>",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
}, {
    "beanStyleGetterMethodName" : "getUpdateAvailable",
    "beanStyleSetterMethodName" : "setUpdateAvailable",
    "c2jName" : "UpdateAvailable",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service
software version. <code>False</code> if you are not able to update your service software version. </p>\nThis is a
convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via
{@link Boolean#builder()}. \n\nWhen the {@link Consumer} completes, {@link Boolean.Builder#build()} is called
immediately and its result is passed to {@link #updateAvailable(Boolean)}. \n@param updateAvailable a consumer
that will call methods on {@link Boolean.Builder} \n@return Returns a reference to this object so that method calls
can be chained together. \n@see #updateAvailable(Boolean)",
    "deprecated" : false,
    "documentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>",
    "endpointDiscoveryId" : false,

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateAvailable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable
True</code> if you are able to update you service software version. <code>False\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "updateAvailable",
"getterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>\n@return True</code> if you
are able to update you service software version. <code>False",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateAvailable",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateAvailable",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpdateAvailable",
"sensitive" : false,
"setterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable
True</code> if you are able to update you service software version. <code>False",
"setterMethodName" : "setUpdateAvailable",

```

```

"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version.
<code>False</code> if you are not able to update your service software version. </p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCancelable",
  "beanStyleSetterMethodName" : "setCancelable",
  "c2jName" : "Cancelable",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service
software version update. <code>False</code> if you are not able to cancel your service software version.
</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one
manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #cancelable(Boolean)}. \n@param
cancelable a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #cancelable(Boolean)",
  "deprecated" : false,
  "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cancelable",
  "fluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancelable
True</code> if you are able to cancel your service software version update. <code>False\n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "cancelable",
  "getterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version

```

update. `False` if you are not able to cancel your service software version. `True` if you are able to cancel your service software version update.

```
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Cancellable",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Cancellable",
  "uri" : false
},
```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Cancellable",
"sensitive" : false,
"setterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancellable True</code> if you are able to cancel your service software version update. <code>False</code>,"
```

```
"setterMethodName" : "setCancellable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "cancellable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
```

```

    "variableName" : "cancellable",
    "variableType" : "Boolean",
    "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpdateStatusAsString",
  "beanStyleSetterMethodName" : "setUpdateStatus",
  "c2jName" : "UpdateStatus",
  "c2jShape" : "DeploymentStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of your service software update. This field can
take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,
<code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #updateStatusAsString(String)}. \n@param updateStatus a consumer
that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls
can be chained together. \n@see #updateStatus(String)",
  "deprecated" : false,
  "documentation" : "<p>The status of your service software update. This field can take the following values:
<code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : "DeploymentStatus",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "updateStatus",
  "fluentEnumSetterMethodName" : "updateStatus",
  "fluentGetterMethodName" : "updateStatusAsString",
  "fluentSetterDocumentation" : "<p>The status of your service software update. This field can take the following
values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of
your service software update. This field can take the following values: <code>ELIGIBLE</code>,
<code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and
<code>NOT_ELIGIBLE</code>. \n@see DeploymentStatus \n@return Returns a reference to this object so that
method calls can be chained together. \n@see DeploymentStatus",
  "fluentSetterMethodName" : "updateStatus",
  "getterDocumentation" : "<p>The status of your service software update. This field can take the following
values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n<p>\nIf the service returns an enum
value that is not available in the current SDK version, { @link #updateStatus} will return { @link
DeploymentStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from
{ @link #updateStatusAsString}. \n</p>\n@return The status of your service software update. This field can take the
following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,
<code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. \n@see

```



```

DeploymentStatus",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpdateStatus",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpdateStatus",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "UpdateStatus",
  "sensitive" : false,
  "setterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
  "setterMethodName" : "setUpdateStatus",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "updateStatus",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,

```

```

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "updateStatus",
  "variableType" : "String",
  "documentation" : "<p>The status of your service software update. This field can take the following values:
<code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getDescription",
  "beanStyleSetterMethodName" : "setDescription",
  "c2jName" : "Description",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The description of the
<code>UpdateStatus</code>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#description(String)}. \n@param description a consumer that will call methods on { @link String.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #description(String)",
  "deprecated" : false,
  "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "description",
  "fluentSetterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param
description The description of the <code>UpdateStatus</code>.\n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "description",
  "getterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@return The
description of the <code>UpdateStatus</code>.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,

```

```

    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Description",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Description",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Description",
  "sensitive" : false,
  "setterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param description
The description of the <code>UpdateStatus</code>.",
  "setterMethodName" : "setDescription",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "description",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "description",
    "variableType" : "String",
    "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAutomatedUpdateDate",
  "beanStyleSetterMethodName" : "setAutomatedUpdateDate",
  "c2jName" : "AutomatedUpdateDate",
  "c2jShape" : "DeploymentCloseDateTimeStamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually
request a service software update. After this date, we automatically update your service software.</p>\nThis is a

```

convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via {@link Instant#builder()}.
When the {@link Consumer} completes, {@link Instant.Builder#build()} is called immediately and its result is passed to {@link #automatedUpdateDate(Instant)}.
@param automatedUpdateDate a consumer that will call methods on {@link Instant.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #automatedUpdateDate(Instant)",

"deprecated" : false,

"documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "automatedUpdateDate",

"fluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "automatedUpdateDate",

"getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@return Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.",

"getterModel" : {

"returnType" : "java.time.Instant",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "AutomatedUpdateDate",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "AutomatedUpdateDate",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "AutomatedUpdateDate",
"sensitive" : false,
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@param
automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update.
After this date, we automatically update your service software.",
"setterMethodName" : "setAutomatedUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software
update. After this date, we automatically update your service software.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "AutomatedUpdateDate" : {
    "beanStyleGetterMethodName" : "getAutomatedUpdateDate",
    "beanStyleSetterMethodName" : "setAutomatedUpdateDate",
    "c2jName" : "AutomatedUpdateDate",
    "c2jShape" : "DeploymentCloseDateTimeStamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can
manually request a service software update. After this date, we automatically update your service
software.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link
#automatedUpdateDate(Instant)}. \n@param automatedUpdateDate a consumer that will call methods on { @link
Instant.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#automatedUpdateDate(Instant)",
    "deprecated" : false,

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"documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software
update. After this date, we automatically update your service software.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "automatedUpdateDate",
"fluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@param
automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update.
After this date, we automatically update your service software.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "automatedUpdateDate",
"getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@return Timestamp, in Epoch
time, until which you can manually request a service software update. After this date, we automatically update your
service software.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AutomatedUpdateDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AutomatedUpdateDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "AutomatedUpdateDate",

```

```

"sensitive" : false,
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@param
automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update.
After this date, we automatically update your service software.",
"setterMethodName" : "setAutomatedUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software
update. After this date, we automatically update your service software.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
},
"Cancellable" : {
  "beanStyleGetterMethodName" : "getCancellable",
  "beanStyleSetterMethodName" : "setCancellable",
  "c2jName" : "Cancellable",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your
service software version update. <code>False</code> if you are not able to cancel your service software version.
</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one
manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #cancellable(Boolean)}. \n@param
cancellable a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this
object so that method calls can be chained together. \n@see #cancellable(Boolean)",
  "deprecated" : false,
  "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,

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    "fluentGetterMethodName" : "cancellable",
    "fluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancellable
True</code> if you are able to cancel your service software version update. <code>False\n@return Returns a
reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "cancellable",
    "getterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@return
True</code> if you are able to cancel your service software version update. <code>False",
    "getterModel" : {
        "returnType" : "Boolean",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Cancellable",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Cancellable",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "BOOLEAN",
    "name" : "Cancellable",
    "sensitive" : false,
    "setterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancellable
True</code> if you are able to cancel your service software version update. <code>False",
    "setterMethodName" : "setCancellable",
    "setterModel" : {
        "variableDeclarationType" : "Boolean",
        "variableName" : "cancellable",
        "variableType" : "Boolean",
        "documentation" : null,

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    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "cancellable",
    "variableType" : "Boolean",
    "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
},
"CurrentVersion" : {
  "beanStyleGetterMethodName" : "getCurrentVersion",
  "beanStyleSetterMethodName" : "setCurrentVersion",
  "c2jName" : "CurrentVersion",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current service software version that is present on
the domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #currentVersion(String)}. \n@param
currentVersion a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #currentVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The current service software version that is present on the domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "currentVersion",
  "fluentSetterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\n@param currentVersion The current service software version that is present on the domain. \n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "currentVersion",
  "getterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\n@return The current service software version that is present on the domain.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,

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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CurrentVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CurrentVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrentVersion",
"sensitive" : false,
"setterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\n@param currentVersion The current service software version that is present on the domain.",
"setterMethodName" : "setCurrentVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currentVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currentVersion",
  "variableType" : "String",
  "documentation" : "<p>The current service software version that is present on the domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
>Description" : {

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"beanStyleGetterMethodName" : "getDescription",
"beanStyleSetterMethodName" : "setDescription",
"c2jName" : "Description",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The description of the
<code>UpdateStatus</code>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#description(String)}. \n@param description a consumer that will call methods on { @link String.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #description(String)",
"deprecated" : false,
"documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "description",
"fluentSetterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param
description The description of the <code>UpdateStatus</code>.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "description",
"getterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@return The
description of the <code>UpdateStatus</code>.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Description",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Description",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Description",
"sensitive" : false,
"setterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param description
The description of the <code>UpdateStatus</code>.",
"setterMethodName" : "setDescription",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "description",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "description",
  "variableType" : "String",
  "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"NewVersion" : {
  "beanStyleGetterMethodName" : "getNewVersion",
  "beanStyleSetterMethodName" : "setNewVersion",
  "c2jName" : "NewVersion",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The new service software version if one is
available.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #newVersion(String)}. \n@param
newVersion a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #newVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The new service software version if one is available.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,

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    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "newVersion",
    "fluentSetterDocumentation" : "<p>The new service software version if one is available.</p>\n@param
newVersion The new service software version if one is available.\n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "newVersion",
    "getterDocumentation" : "<p>The new service software version if one is available.</p>\n@return The new
service software version if one is available.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "NewVersion",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "NewVersion",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "NewVersion",
    "sensitive" : false,
    "setterDocumentation" : "<p>The new service software version if one is available.</p>\n@param newVersion
The new service software version if one is available.",
    "setterMethodName" : "setNewVersion",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "newVersion",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    }

```

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    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "newVersion",
        "variableType" : "String",
        "documentation" : "<p>The new service software version if one is available.</p>",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"UpdateAvailable" : {
    "beanStyleGetterMethodName" : "getUpdateAvailable",
    "beanStyleSetterMethodName" : "setUpdateAvailable",
    "c2jName" : "UpdateAvailable",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #updateAvailable(Boolean)}. \n@param updateAvailable a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #updateAvailable(Boolean)",
    "deprecated" : false,
    "documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "updateAvailable",
    "fluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable True</code> if you are able to update you service software version. <code>False\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "updateAvailable",
    "getterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>\n@return True</code> if you are able to update you service software version. <code>False",
    "getterModel" : {
        "returnType" : "Boolean",
        "documentation" : null
    },
    "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateAvailable",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateAvailable",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpdateAvailable",
"sensitive" : false,
"setterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable
True</code> if you are able to update you service software version. <code>False",
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},

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    "xmlNamespaceUri" : null
  },
  "UpdateStatus" : {
    "beanStyleGetterMethodName" : "getUpdateStatusAsString",
    "beanStyleSetterMethodName" : "setUpdateStatus",
    "c2jName" : "UpdateStatus",
    "c2jShape" : "DeploymentStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>The status of your service software update. This field can
take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,
<code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #updateStatusAsString(String)}. \n@param updateStatus a consumer
that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls
can be chained together.\n@see #updateStatus(String)",
    "deprecated" : false,
    "documentation" : "<p>The status of your service software update. This field can take the following values:
<code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : "DeploymentStatus",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "updateStatus",
    "fluentEnumSetterMethodName" : "updateStatus",
    "fluentGetterMethodName" : "updateStatusAsString",
    "fluentSetterDocumentation" : "<p>The status of your service software update. This field can take the
following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,
<code>IN_PROGRESS</code>, <code>COMPLETED</code>, and
<code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of your service software update. This field
can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,
<code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see
DeploymentStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see
DeploymentStatus",
    "fluentSetterMethodName" : "updateStatus",
    "getterDocumentation" : "<p>The status of your service software update. This field can take the following
values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n<p>\nIf the service returns an enum
value that is not available in the current SDK version, { @link #updateStatus} will return { @link
DeploymentStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from
{ @link #updateStatusAsString}.\n</p>\n@return The status of your service software update. This field can take the
following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,
<code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see
DeploymentStatus",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  },

```



```

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpdateStatus",
"sensitive" : false,
"setterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
"setterMethodName" : "setUpdateStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "updateStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "updateStatus",
  "variableType" : "String",
  "documentation" : "<p>The status of your service software update. This field can take the following values:

```

```

<code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getCurrentVersion",
  "beanStyleSetterMethodName" : "setCurrentVersion",
  "c2jName" : "CurrentVersion",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #currentVersion(String)}. \n@param
currentVersion a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #currentVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The current service software version that is present on the domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "currentVersion",
  "fluentSetterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\n@param currentVersion The current service software version that is present on the domain. \n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "currentVersion",
  "getterDocumentation" : "<p>The current service software version that is present on the domain.</p>\n@return
The current service software version that is present on the domain.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",

```

```

    "marshallLocationName" : "CurrentVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CurrentVersion",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "CurrentVersion",
  "sensitive" : false,
  "setterDocumentation" : "<p>The current service software version that is present on the domain.</p>\n@param
currentVersion The current service software version that is present on the domain.",
  "setterMethodName" : "setCurrentVersion",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "currentVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "currentVersion",
    "variableType" : "String",
    "documentation" : "<p>The current service software version that is present on the domain.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNewVersion",
  "beanStyleSetterMethodName" : "setNewVersion",
  "c2jName" : "NewVersion",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The new service software version if one is
available.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #newVersion(String)}. \n@param
newVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this

```

```

object so that method calls can be chained together.\n@see #newVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The new service software version if one is available.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "newVersion",
  "fluentSetterDocumentation" : "<p>The new service software version if one is available.</p>\n@param
newVersion The new service software version if one is available.\n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "newVersion",
  "getterDocumentation" : "<p>The new service software version if one is available.</p>\n@return The new
service software version if one is available.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NewVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NewVersion",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "NewVersion",
  "sensitive" : false,
  "setterDocumentation" : "<p>The new service software version if one is available.</p>\n@param newVersion
The new service software version if one is available.",

```

```

"setterMethodName" : "setNewVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "newVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "newVersion",
  "variableType" : "String",
  "documentation" : "<p>The new service software version if one is available.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpdateAvailable",
  "beanStyleSetterMethodName" : "setUpdateAvailable",
  "c2jName" : "UpdateAvailable",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #updateAvailable(Boolean)}. \n@param updateAvailable a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #updateAvailable(Boolean)",
  "deprecated" : false,
  "documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "updateAvailable",
  "fluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable True</code> if you are able to update you service software version. <code>False</code> \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "updateAvailable",
  "getterDocumentation" : "<p><code>True</code> if you are able to update you service software version.

```

`<code>False</code>` if you are not able to update your service software version. `</p>\n@return True</code>` if you are able to update you service software version. `<code>False"`,

```
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateAvailable",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateAvailable",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpdateAvailable",
"sensitive" : false,
"setterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
```

`<code>False</code>` if you are not able to update your service software version. `</p>\n@param updateAvailable True</code>` if you are able to update you service software version. `<code>False"`,

```
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
```

```

    "variableName" : "updateAvailable",
    "variableType" : "Boolean",
    "documentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCancelable",
  "beanStyleSetterMethodName" : "setCancelable",
  "c2jName" : "Cancelable",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service
software version update. <code>False</code> if you are not able to cancel your service software version.
</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one
manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #cancelable(Boolean)}. \n@param
cancelable a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this
object so that method calls can be chained together. \n@see #cancelable(Boolean)",
  "deprecated" : false,
  "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cancelable",
  "fluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancelable
True</code> if you are able to cancel your service software version update. <code>False\n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "cancelable",
  "getterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@return
True</code> if you are able to cancel your service software version update. <code>False",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

```

```

    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Cancellable",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Cancellable",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "Cancellable",
  "sensitive" : false,
  "setterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancellable
True</code> if you are able to cancel your service software version update. <code>False",
  "setterMethodName" : "setCancellable",
  "setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "cancellable",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "cancellable",
    "variableType" : "Boolean",
    "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpdateStatusAsString",
  "beanStyleSetterMethodName" : "setUpdateStatus",
  "c2jName" : "UpdateStatus",

```



```

    "c2jShape" : "DeploymentStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>The status of your service software update. This field can
take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,
<code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #updateStatusAsString(String)}. \n@param updateStatus a consumer
that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls
can be chained together.\n@see #updateStatus(String)",
    "deprecated" : false,
    "documentation" : "<p>The status of your service software update. This field can take the following values:
<code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : "DeploymentStatus",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "updateStatus",
    "fluentEnumSetterMethodName" : "updateStatus",
    "fluentGetterMethodName" : "updateStatusAsString",
    "fluentSetterDocumentation" : "<p>The status of your service software update. This field can take the following
values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of
your service software update. This field can take the following values: <code>ELIGIBLE</code>,
<code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and
<code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus\n@return Returns a reference to this object so that
method calls can be chained together.\n@see DeploymentStatus",
    "fluentSetterMethodName" : "updateStatus",
    "getterDocumentation" : "<p>The status of your service software update. This field can take the following
values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n<p>\nIf the service returns an enum
value that is not available in the current SDK version, { @link #updateStatus} will return { @link
DeploymentStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from
{ @link #updateStatusAsString}.\n</p>\n@return The status of your service software update. This field can take the
following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,
<code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see
DeploymentStatus",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,

```

```

    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpdateStatus",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpdateStatus",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "UpdateStatus",
  "sensitive" : false,
  "setterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
  "setterMethodName" : "setUpdateStatus",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "updateStatus",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "updateStatus",
    "variableType" : "String",
    "documentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {

```

```

"beanStyleGetterMethodName" : "getDescription",
"beanStyleSetterMethodName" : "setDescription",
"c2jName" : "Description",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The description of the
<code>UpdateStatus</code>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#description(String)}. \n@param description a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #description(String)",
"deprecated" : false,
"documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "description",
"fluentSetterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param
description The description of the <code>UpdateStatus</code>. \n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "description",
"getterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@return The
description of the <code>UpdateStatus</code>.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Description",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Description",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```

```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Description",
"sensitive" : false,
"setterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param description
The description of the <code>UpdateStatus</code>.",
"setterMethodName" : "setDescription",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "description",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "description",
  "variableType" : "String",
  "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAutomatedUpdateDate",
  "beanStyleSetterMethodName" : "setAutomatedUpdateDate",
  "c2jName" : "AutomatedUpdateDate",
  "c2jShape" : "DeploymentCloseDateTimeStamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually
request a service software update. After this date, we automatically update your service software.</p>\nThis is a
convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via
{ @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link Instant.Builder#build()} is called
immediately and its result is passed to { @link #automatedUpdateDate(Instant)}. \n@param automatedUpdateDate a
consumer that will call methods on { @link Instant.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #automatedUpdateDate(Instant)",
  "deprecated" : false,
  "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software
update. After this date, we automatically update your service software.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

```

```

"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "automatedUpdateDate",
"fluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@param
automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update.
After this date, we automatically update your service software.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "automatedUpdateDate",
"getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@return Timestamp, in Epoch
time, until which you can manually request a service software update. After this date, we automatically update your
service software.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AutomatedUpdateDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AutomatedUpdateDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "AutomatedUpdateDate",
"sensitive" : false,
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@param
automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update.
After this date, we automatically update your service software.",
"setterMethodName" : "setAutomatedUpdateDate",

```

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"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software
update. After this date, we automatically update your service software.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ServiceSoftwareOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"wrapper" : false
},
"SnapshotOptions" : {
  "c2jName" : "SnapshotOptions",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  }
}

```

```

    },
    "deprecated" : false,
    "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of
the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
    "endpointDiscovery" : null,
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : null,
    "members" : [ {
        "beanStyleGetterMethodName" : "getAutomatedSnapshotStartHour",
        "beanStyleSetterMethodName" : "setAutomatedSnapshotStartHour",
        "c2jName" : "AutomatedSnapshotStartHour",
        "c2jShape" : "IntegerClass",
        "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes
a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code>
hours.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#automatedSnapshotStartHour(Integer)}. \n@param automatedSnapshotStartHour a consumer that will call methods
on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #automatedSnapshotStartHour(Integer)",
        "deprecated" : false,
        "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of
the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
        "endpointDiscoveryId" : false,
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "automatedSnapshotStartHour",
        "fluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated
snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@param
automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours. \n@return Returns a reference to this
object so that method calls can be chained together.",
        "fluentSetterMethodName" : "automatedSnapshotStartHour",
        "getterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated
snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@return Specifies the
time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain.

```

Default value is `0` hours.",

```
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AutomatedSnapshotStartHour",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AutomatedSnapshotStartHour",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "AutomatedSnapshotStartHour",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is 0 hours.</p>\n@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is 0 hours.",
"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "automatedSnapshotStartHour",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
```



```

    "variableName" : "automatedSnapshotStartHour",
    "variableType" : "Integer",
    "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "AutomatedSnapshotStartHour" : {
    "beanStyleGetterMethodName" : "getAutomatedSnapshotStartHour",
    "beanStyleSetterMethodName" : "setAutomatedSnapshotStartHour",
    "c2jName" : "AutomatedSnapshotStartHour",
    "c2jShape" : "IntegerClass",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service
takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code>
hours.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#automatedSnapshotStartHour(Integer)}. \n@param automatedSnapshotStartHour a consumer that will call methods
on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #automatedSnapshotStartHour(Integer)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "automatedSnapshotStartHour",
    "fluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily
automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@param
automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours. \n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "automatedSnapshotStartHour",
    "getterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated
snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@return Specifies the
time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain.
Default value is <code>0</code> hours.",
    "getterModel" : {
      "returnType" : "Integer",
      "documentation" : null
    },
    "http" : {

```

```

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AutomatedSnapshotStartHour",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AutomatedSnapshotStartHour",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "AutomatedSnapshotStartHour",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated
snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@param
automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours.",
"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "automatedSnapshotStartHour",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "automatedSnapshotStartHour",
  "variableType" : "Integer",
  "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"

```

```

    },
    "xmlNamespaceUri" : null
  }
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getAutomatedSnapshotStartHour",
  "beanStyleSetterMethodName" : "setAutomatedSnapshotStartHour",
  "c2jName" : "AutomatedSnapshotStartHour",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes
a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code>
hours.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#automatedSnapshotStartHour(Integer)}. \n@param automatedSnapshotStartHour a consumer that will call methods
on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #automatedSnapshotStartHour(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of
the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "automatedSnapshotStartHour",
  "fluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated
snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@param
automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours. \n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "automatedSnapshotStartHour",
  "getterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated
snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@return Specifies the
time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain.
Default value is <code>0</code> hours.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,

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```

    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AutomatedSnapshotStartHour",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AutomatedSnapshotStartHour",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "AutomatedSnapshotStartHour",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.",
  "setterMethodName" : "setAutomatedSnapshotStartHour",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "automatedSnapshotStartHour",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "automatedSnapshotStartHour",
    "variableType" : "Integer",
    "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,

```

```

"shapeName" : "SnapshotOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"wrapper" : false
},
"SnapshotOptionsStatus" : {
  "c2jName" : "SnapshotOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Status of a daily automated snapshot.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "SnapshotOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link

```

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#options(SnapshotOptions)}. \n@param options a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(SnapshotOptions)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.</p>\n@param options Specifies the daily snapshot options specified for the Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "options",
    "getterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.</p>\n@return Specifies the daily snapshot options specified for the Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "SnapshotOptions",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Options",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Options",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Options",
    "sensitive" : false,

```

```

"setterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.</p>\n@param options Specifies the daily snapshot options specified for the Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of a daily automated
snapshot.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the
need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@param status
Specifies the status of a daily automated snapshot.\n@return Returns a reference to this object so that method calls
can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@return Specifies the

```

```

status of a daily automated snapshot.",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@param status Specifies
the status of a daily automated snapshot.",
  "setterMethodName" : "setStatus",
  "setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",

```



```

    "documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "SnapshotOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link SnapshotOptions.Builder}
avoiding the need to create one manually via { @link SnapshotOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(SnapshotOptions)}. \n@param options a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(SnapshotOptions)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
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    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.</p>\n@param options Specifies the daily snapshot options specified for the Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "options",
    "getterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.</p>\n@return Specifies the daily snapshot options specified for the Elasticsearch domain.",
    "getterModel" : {
      "returnType" : "SnapshotOptions",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
  }
}

```

```

"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>\n@param options Specifies the daily snapshot options specified for the Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNamespaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link

```

```

#status(OptionStatus)}.n@param status a consumer that will call methods on { @link
OptionStatus.Builder}.n@return Returns a reference to this object so that method calls can be chained
together.n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
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  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
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  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>.n@param status
Specifies the status of a daily automated snapshot.n@return Returns a reference to this object so that method calls
can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>.n@return Specifies the
status of a daily automated snapshot.",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",
  "sensitive" : false,

```

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"setterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@param status
Specifies the status of a daily automated snapshot.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "SnapshotOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link SnapshotOptions.Builder}
avoiding the need to create one manually via { @link SnapshotOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(SnapshotOptions)}. \n@param options a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(SnapshotOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.</p>\n@param options Specifies the daily snapshot options specified for the Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",

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```

"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.</p>\n@return Specifies the daily snapshot options specified for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "SnapshotOptions",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.</p>\n@param options Specifies the daily snapshot options specified for the Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
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  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",

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    "variableName" : "options",
    "variableType" : "SnapshotOptions",
    "documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
    "simpleType" : "SnapshotOptions",
    "variableSetterType" : "SnapshotOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@param status Specifies the status of a daily automated snapshot. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@return Specifies the status of a daily automated snapshot.",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",

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    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@param status Specifies
the status of a daily automated snapshot.",
  "setterMethodName" : "setStatus",
  "setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "SnapshotOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},

```

```

"variable" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptionsStatus",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : null,
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"wrapper" : false
},
"StartElasticsearchServiceSoftwareUpdateRequest" : {
  "c2jName" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for the parameters to the
<code><a>StartElasticsearchServiceSoftwareUpdate</a></code> operation. Specifies the name of the Elasticsearch
domain that you wish to schedule a service software update on.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
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    "locationName" : null,
    "requestUri" : "/2015-01-01/es/serviceSoftwareUpdate/start",
    "target" : null,
    "verb" : "POST",
    "xmlNamespaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to update to the

```


latest service software.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.</p>\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}.</p>\n@param domainName a consumer that will call methods on { @link String.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #domainName(String)",

"deprecated" : false,

"documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "domainName",

"fluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\n@param domainName The name of the domain that you want to update to the latest service software.</p>\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "domainName",

"getterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\n@return The name of the domain that you want to update to the latest service software.",

"getterModel" : {
 "returnType" : "String",
 "documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "DomainName",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "DomainName",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

```

"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of the domain that you want to update to the latest service
software.</p>\n@param domainName The name of the domain that you want to update to the latest service
software.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to update to the
latest service software.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding
the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}. \n@param
domainName a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service

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software.</p>\n@param domainName The name of the domain that you want to update to the latest service software.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "domainName",

"getterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\n@return The name of the domain that you want to update to the latest service software.",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

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"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "DomainName",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "DomainName",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "DomainName",

"sensitive" : false,

"setterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\n@param domainName The name of the domain that you want to update to the latest service software.",

"setterMethodName" : "setDomainName",

"setterModel" : {

"variableDeclarationType" : "String",

"variableName" : "domainName",

"variableType" : "String",

"documentation" : null,

"simpleType" : "String",

"variableSetterType" : "String"

},

"simple" : true,

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"timestampFormat" : null,
"variable" : {
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  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\n@param domainName The name of the domain that you want to update to the latest service software. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\n@return The name of the domain that you want to update to the latest service software.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

```

```

    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainName",
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    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\n@param domainName The name of the domain that you want to update to the latest service software.",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "StartElasticsearchServiceSoftwareUpdateRequest",

```

```

"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "variableName" : "startElasticsearchServiceSoftwareUpdateRequest",
  "variableType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "documentation" : null,
  "simpleType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "variableSetterType" : "StartElasticsearchServiceSoftwareUpdateRequest"
},
"wrapper" : false
},
"StartElasticsearchServiceSoftwareUpdateResponse" : {
  "c2jName" : "StartElasticsearchServiceSoftwareUpdateResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The result of a <code>StartElasticsearchServiceSoftwareUpdate</code> operation.
Contains the status of the update.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
    "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
    "c2jName" : "ServiceSoftwareOptions",
    "c2jShape" : "ServiceSoftwareOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder }
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder() }. \n\nWhen the { @link
Consumer } completes, { @link ServiceSoftwareOptions.Builder#build() } is called immediately and its result is
passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions) }. \n@param serviceSoftwareOptions a
consumer that will call methods on { @link ServiceSoftwareOptions.Builder } \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",

```

```

"deprecated" : false,
"documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software
update.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return
The current status of the Elasticsearch service software update.",
"getterModel" : {
  "returnType" : "ServiceSoftwareOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ServiceSoftwareOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ServiceSoftwareOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"sensitive" : false,
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",

```

```

"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "ServiceSoftwareOptions" : {
    "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
    "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
    "c2jName" : "ServiceSoftwareOptions",
    "c2jShape" : "ServiceSoftwareOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\nThis is a convenience that creates an instance of the {@link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via {@link ServiceSoftwareOptions#builder()}. \n\nWhen the {@link Consumer} completes, {@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to {@link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a consumer that will call methods on {@link ServiceSoftwareOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
    "deprecated" : false,
    "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "serviceSoftwareOptions",
    "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software update. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "serviceSoftwareOptions",
    "getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return The current status of the Elasticsearch service software update.",

```



```

"getterModel" : {
  "returnType" : "ServiceSoftwareOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ServiceSoftwareOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ServiceSoftwareOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"sensitive" : false,
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",

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    "simpleType" : "ServiceSoftwareOptions",
    "variableSetterType" : "ServiceSoftwareOptions"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder}
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is
passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a
consumer that will call methods on { @link ServiceSoftwareOptions.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
  "deprecated" : false,
  "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "serviceSoftwareOptions",
  "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software
update. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "serviceSoftwareOptions",
  "getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return
The current status of the Elasticsearch service software update.",
  "getterModel" : {
    "returnType" : "ServiceSoftwareOptions",
    "documentation" : null
  },
}
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ServiceSoftwareOptions",

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```

    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ServiceSoftwareOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "ServiceSoftwareOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",
  "setterMethodName" : "setServiceSoftwareOptions",
  "setterModel" : {
    "variableDeclarationType" : "ServiceSoftwareOptions",
    "variableName" : "serviceSoftwareOptions",
    "variableType" : "ServiceSoftwareOptions",
    "documentation" : null,
    "simpleType" : "ServiceSoftwareOptions",
    "variableSetterType" : "ServiceSoftwareOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ServiceSoftwareOptions",
    "variableName" : "serviceSoftwareOptions",
    "variableType" : "ServiceSoftwareOptions",
    "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
    "simpleType" : "ServiceSoftwareOptions",
    "variableSetterType" : "ServiceSoftwareOptions"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "StartElasticsearchServiceSoftwareUpdateResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {

```

```

"variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateResponse",
"variableName" : "startElasticsearchServiceSoftwareUpdateResponse",
"variableType" : "StartElasticsearchServiceSoftwareUpdateResponse",
"documentation" : null,
"simpleType" : "StartElasticsearchServiceSoftwareUpdateResponse",
"variableSetterType" : "StartElasticsearchServiceSoftwareUpdateResponse"
},
"wrapper" : false
},
"StorageType" : {
"c2jName" : "StorageType",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>StorageTypes represents the list of storage related types and their attributes that are
available for given InstanceType. </p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getStorageTypeName",
"beanStyleSetterMethodName" : "setStorageTypeName",
"c2jName" : "StorageTypeName",
"c2jShape" : "StorageTypeName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#storageTypeName(String)}. \n@param storageTypeName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#storageTypeName(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param
storageTypeName The new value for the StorageTypeName property for this object.\n@return Returns a reference
to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "storageTypeName",
"getterDocumentation" : "Returns the value of the StorageTypeName property for this object.\n@return The
value of the StorageTypeName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypeName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypeName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageTypeName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param
storageTypeName The new value for the StorageTypeName property for this object.",
"setterMethodName" : "setStorageTypeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",

```

```

    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "storageSubTypeName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStorageSubTypeName",
  "beanStyleSetterMethodName" : "setStorageSubTypeName",
  "c2jName" : "StorageSubTypeName",
  "c2jShape" : "StorageSubTypeName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#storageSubTypeName(String)}. \n@param storageSubTypeName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#storageSubTypeName(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "storageSubTypeName",
  "fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.\n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "storageSubTypeName",
  "getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.\n@return The
value of the StorageSubTypeName property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {

```

```

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StorageSubTypeName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StorageSubTypeName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageSubTypeName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.\n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.",
"setterMethodName" : "setStorageSubTypeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageSubTypeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageSubTypeName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {

```

```

"beanStyleGetterMethodName" : "getStorageTypeLimits",
"beanStyleSetterMethodName" : "setStorageTypeLimits",
"c2jName" : "StorageTypeLimits",
"c2jShape" : "StorageTypeLimitList",
"defaultConsumerFluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type.
</p>\nThis is a convenience that creates an instance of the { @link List<StorageTypeLimit>.Builder} avoiding the
need to create one manually via { @link List<StorageTypeLimit>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<StorageTypeLimit>.Builder#build()} is called immediately and its result is passed to
{ @link #storageTypeLimits(List<StorageTypeLimit>)}. \n@param storageTypeLimits a consumer that will call
methods on { @link List<StorageTypeLimit>.Builder}\n@return Returns a reference to this object so that method
calls can be chained together.\n@see #storageTypeLimits(List<StorageTypeLimit>)",
"deprecated" : false,
"documentation" : "<p>List of limits that are applicable for given storage type. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeLimits",
"fluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n@param
storageTypeLimits List of limits that are applicable for given storage type.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "storageTypeLimits",
"getterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
List of limits that are applicable for given storage type.",
"getterModel" : {
  "returnType" : "java.util.List<StorageTypeLimit>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypeLimits",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypeLimits",
  "uri" : false
},
"idempotencyToken" : false,

```



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"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "StorageTypeLimit",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageTypeLimit.Builder} avoiding the
need to create one manually via { @link StorageTypeLimit#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link StorageTypeLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(StorageTypeLimit)}. \n@param member a consumer that will call methods on { @link
StorageTypeLimit.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(StorageTypeLimit)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "StorageTypeLimit",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "StorageTypeLimit",
    "variableName" : "member",
    "variableType" : "StorageTypeLimit",
    "documentation" : null,
    "simpleType" : "StorageTypeLimit",
    "variableSetterType" : "StorageTypeLimit"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "StorageTypeLimit",
    "variableName" : "member",
    "variableType" : "StorageTypeLimit",
    "documentation" : "",
    "simpleType" : "StorageTypeLimit",
    "variableSetterType" : "StorageTypeLimit"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageTypeLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageTypeLimit",
"templateImplType" : "java.util.ArrayList<StorageTypeLimit>",
"templateType" : "java.util.List<StorageTypeLimit>"
},

```

```

"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypeLimits",
"sensitive" : false,
"setterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n@param
storageTypeLimits List of limits that are applicable for given storage type.",
"setterMethodName" : "setStorageTypeLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : null,
  "simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
  "simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "StorageSubTypeName" : {
    "beanStyleGetterMethodName" : "getStorageSubTypeName",
    "beanStyleSetterMethodName" : "setStorageSubTypeName",
    "c2jName" : "StorageSubTypeName",
    "c2jShape" : "StorageSubTypeName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#storageSubTypeName(String)}. \n@param storageSubTypeName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#storageSubTypeName(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,

```

```

    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "storageSubTypeName",
    "fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this
object.\n\n@param storageSubTypeName The new value for the StorageSubTypeName property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "storageSubTypeName",
    "getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.\n@return
The value of the StorageSubTypeName property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "StorageSubTypeName",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "StorageSubTypeName",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "StorageSubTypeName",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.\n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.",
    "setterMethodName" : "setStorageSubTypeName",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "storageSubTypeName",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    }

```

```

    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "storageSubTypeName",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"StorageTypeLimits" : {
    "beanStyleGetterMethodName" : "getStorageTypeLimits",
    "beanStyleSetterMethodName" : "setStorageTypeLimits",
    "c2jName" : "StorageTypeLimits",
    "c2jShape" : "StorageTypeLimitList",
    "defaultConsumerFluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type.
</p>\nThis is a convenience that creates an instance of the { @link List<StorageTypeLimit>.Builder} avoiding the
need to create one manually via { @link List<StorageTypeLimit>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<StorageTypeLimit>.Builder#build()} is called immediately and its result is passed to
{ @link #storageTypeLimits(List<StorageTypeLimit>)}. \n@param storageTypeLimits a consumer that will call
methods on { @link List<StorageTypeLimit>.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #storageTypeLimits(List<StorageTypeLimit>)",
    "deprecated" : false,
    "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "storageTypeLimits",
    "fluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n@param
storageTypeLimits List of limits that are applicable for given storage type. \n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "storageTypeLimits",
    "getterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return
List of limits that are applicable for given storage type.",
    "getterModel" : {
        "returnType" : "java.util.List<StorageTypeLimit>",
        "documentation" : null
    },
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,

```

```

    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "StorageTypeLimits",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "StorageTypeLimits",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "StorageTypeLimit",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageTypeLimit.Builder} avoiding the
need to create one manually via { @link StorageTypeLimit#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link StorageTypeLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(StorageTypeLimit)}. \n@param member a consumer that will call methods on { @link
StorageTypeLimit.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(StorageTypeLimit)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "member",
      "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
      "fluentSetterMethodName" : "member",
      "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
      "getterModel" : {

```

```

    "returnType" : "StorageTypeLimit",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "StorageTypeLimit",
    "variableName" : "member",
    "variableType" : "StorageTypeLimit",
    "documentation" : null,
    "simpleType" : "StorageTypeLimit",
    "variableSetterType" : "StorageTypeLimit"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "StorageTypeLimit",
    "variableName" : "member",
    "variableType" : "StorageTypeLimit",
    "documentation" : "",
    "simpleType" : "StorageTypeLimit",

```

```

    "variableSetterType" : "StorageTypeLimit"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageTypeLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageTypeLimit",
"templateImplType" : "java.util.ArrayList<StorageTypeLimit>",
"templateType" : "java.util.List<StorageTypeLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypeLimits",
"sensitive" : false,
"setterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n@param
storageTypeLimits List of limits that are applicable for given storage type.",
"setterMethodName" : "setStorageTypeLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : null,
  "simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
  "simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"xmlNamespaceUri" : null
},
"StorageTypeName" : {
  "beanStyleGetterMethodName" : "getStorageTypeName",
  "beanStyleSetterMethodName" : "setStorageTypeName",
  "c2jName" : "StorageTypeName",
  "c2jShape" : "StorageTypeName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this

```


object.
This is a convenience that creates an instance of the `{ @link String.Builder}` avoiding the need to create one manually via `{ @link String#builder()}`.
When the `{ @link Consumer}` completes, `{ @link String.Builder#build()}` is called immediately and its result is passed to `{ @link #storageTypeName(String)}`.
`@param storageTypeName` a consumer that will call methods on `{ @link String.Builder}`
`@return` Returns a reference to this object so that method calls can be chained together.
`@see #storageTypeName(String)`,

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.
@param storageTypeName The new value for the StorageTypeName property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "storageTypeName",
"getterDocumentation" : "Returns the value of the StorageTypeName property for this object.
@return The value of the StorageTypeName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypeName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypeName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
```

```

"marshallingType" : "STRING",
"name" : "StorageTypeName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param
storageTypeName The new value for the StorageTypeName property for this object.",
"setterMethodName" : "setStorageTypeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getStorageTypeName",
  "beanStyleSetterMethodName" : "setStorageTypeName",
  "c2jName" : "StorageTypeName",
  "c2jShape" : "StorageTypeName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#storageTypeName(String)}. \n@param storageTypeName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#storageTypeName(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "storageTypeName",

```

```

"fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param
storageTypeName The new value for the StorageTypeName property for this object.\n@return Returns a reference
to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "storageTypeName",
"getterDocumentation" : "Returns the value of the StorageTypeName property for this object.\n@return The
value of the StorageTypeName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypeName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypeName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageTypeName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param
storageTypeName The new value for the StorageTypeName property for this object.",
"setterMethodName" : "setStorageTypeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,

```

```

"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStorageSubTypeName",
  "beanStyleSetterMethodName" : "setStorageSubTypeName",
  "c2jName" : "StorageSubTypeName",
  "c2jShape" : "StorageSubTypeName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#storageSubTypeName(String)}. \n@param storageSubTypeName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#storageSubTypeName(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "storageSubTypeName",
  "fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.\n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "storageSubTypeName",
  "getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.\n@return The
value of the StorageSubTypeName property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,

```

```

    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "StorageSubTypeName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "StorageSubTypeName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "StorageSubTypeName",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.\n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.",
  "setterMethodName" : "setStorageSubTypeName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "storageSubTypeName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "storageSubTypeName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStorageTypeLimits",
  "beanStyleSetterMethodName" : "setStorageTypeLimits",
  "c2jName" : "StorageTypeLimits",
  "c2jShape" : "StorageTypeLimitList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type.
</p>\nThis is a convenience that creates an instance of the { @link List<StorageTypeLimit>.Builder} avoiding the

```

need to create one manually via { @link List<StorageTypeLimit>#builder()}.
When the { @link Consumer} completes, { @link List<StorageTypeLimit>.Builder#build()} is called immediately and its result is passed to { @link #storageTypeLimits(List<StorageTypeLimit>)}.
@param storageTypeLimits a consumer that will call methods on { @link List<StorageTypeLimit>.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #storageTypeLimits(List<StorageTypeLimit>)",

"deprecated" : false,

"documentation" : "<p>List of limits that are applicable for given storage type. </p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "storageTypeLimits",

"fluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>
@param storageTypeLimits List of limits that are applicable for given storage type.
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "storageTypeLimits",

"getterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>
<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>
@return List of limits that are applicable for given storage type.",

"getterModel" : {

"returnType" : "java.util.List<StorageTypeLimit>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "StorageTypeLimits",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "StorageTypeLimits",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {

"implType" : "java.util.ArrayList",

"interfaceType" : "java.util.List",

```

"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "StorageTypeLimit",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageTypeLimit.Builder} avoiding the
need to create one manually via { @link StorageTypeLimit#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link StorageTypeLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(StorageTypeLimit)}. \n@param member a consumer that will call methods on { @link
StorageTypeLimit.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(StorageTypeLimit)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
  "getterModel" : {
    "returnType" : "StorageTypeLimit",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,

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    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "StorageTypeLimit",
        "variableName" : "member",
        "variableType" : "StorageTypeLimit",
        "documentation" : null,
        "simpleType" : "StorageTypeLimit",
        "variableSetterType" : "StorageTypeLimit"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "StorageTypeLimit",
        "variableName" : "member",
        "variableType" : "StorageTypeLimit",
        "documentation" : "",
        "simpleType" : "StorageTypeLimit",
        "variableSetterType" : "StorageTypeLimit"
    },
    "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageTypeLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageTypeLimit",
"templateImplType" : "java.util.ArrayList<StorageTypeLimit>",
"templateType" : "java.util.List<StorageTypeLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypeLimits",
"sensitive" : false,
"setterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n@param

```



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storageTypeLimits List of limits that are applicable for given storage type.",
  "setterMethodName" : "setStorageTypeLimits",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
    "variableName" : "storageTypeLimits",
    "variableType" : "java.util.List<StorageTypeLimit>",
    "documentation" : null,
    "simpleType" : "List<StorageTypeLimit>",
    "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
    "variableName" : "storageTypeLimits",
    "variableType" : "java.util.List<StorageTypeLimit>",
    "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
    "simpleType" : "List<StorageTypeLimit>",
    "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "StorageType",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "storageType",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"wrapper" : false
},
"StorageTypeLimit" : {
  "c2jName" : "StorageTypeLimit",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,

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"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Limits that are applicable for given storage type. </p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getLimitName",
  "beanStyleSetterMethodName" : "setLimitName",
  "c2jName" : "LimitName",
  "c2jShape" : "LimitName",
  "defaultConsumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given
storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for
given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is
applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of
Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol> </p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #limitName(String)}. \n@param limitName a consumer that will call
methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitName(String)",
  "deprecated" : false,
  "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "limitName",

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"fluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code><a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol> </p>\n@param limitName Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol>\n@return Returns a reference to this object so that method calls can be chained together.",
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"fluentSetterMethodName" : "limitName",
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"getterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code><a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol> </p>\n@return Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol>",
```

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"getterModel" : {  
  "returnType" : "String",  
  "documentation" : null  
},  
"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "LimitName",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "LimitName",  
  "uri" : false  
},
```

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"sensitive" : false,
"setterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> </p>\n@param limitName Name of storage limits
that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options
are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given
storage type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume
size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li>
Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
<li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not
applicable. </ol>",
"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"

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    },
    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getLimitValues",
    "beanStyleSetterMethodName" : "setLimitValues",
    "c2jName" : "LimitValues",
    "c2jShape" : "LimitValueList",
    "defaultConsumerFluentSetterDocumentation" : "<p> Values for the <code>
<a>StorageTypeLimit$LimitName</a> </code> . </p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #limitValues(List<String>)}. \n@param limitValues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitValues(List<String>)",
    "deprecated" : false,
    "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> . </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "limitValues",
    "fluentSetterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> . \n@return
Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "limitValues",
    "getterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return Values for the <code> <a>StorageTypeLimit$LimitName</a>
</code> .",
    "getterModel" : {
      "returnType" : "java.util.List<String>",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "LimitValues",
    "queryString" : false,
    "statusCode" : false,
  }
}

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    "unmarshallLocationName" : "LimitValues",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "LimitValue",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "member",
      "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
      "fluentSetterMethodName" : "member",
      "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
      "getterModel" : {
        "returnType" : "String",
        "documentation" : null
      }
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,

```

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",

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    "templateImplType" : "java.util.ArrayList<String>",
    "templateType" : "java.util.List<String>"
  },
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "LIST",
  "name" : "LimitValues",
  "sensitive" : false,
  "setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .",
  "setterMethodName" : "setLimitValues",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "limitValues",
    "variableType" : "java.util.List<String>",
    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "limitValues",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> . </p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  },
  "xmlNameSpaceUri" : null
} ],
"membersAsMap" : {
  "LimitName" : {
    "beanStyleGetterMethodName" : "getLimitName",
    "beanStyleSetterMethodName" : "setLimitName",
    "c2jName" : "LimitName",
    "c2jShape" : "LimitName",
    "defaultConsumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given
storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for
given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is
applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of
Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol> </p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #limitName(String)}. \n@param limitName a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained

```



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together.\n@see #limitName(String)",
    "deprecated" : false,
    "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "limitName",
    "fluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If
<code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for
given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is
applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of
Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol> </p>\n@param limitName
Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs,
following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that
is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum
amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type.It can be empty if it is
not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type.It can be
empty if it is not applicable. </ol>\n@return Returns a reference to this object so that method calls can be chained
together.",
    "fluentSetterMethodName" : "limitName",
    "getterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> </p>\n@return Name of storage limits that are
applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are
applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage
type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is
applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount
of Iops that is applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li>
Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol>",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    }

```

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    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "LimitName",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "LimitName",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "LimitName",
    "sensitive" : false,
    "setterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> </p>\n@param limitName Name of storage limits
that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options
are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given
storage type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume
size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li>
Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
<li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not
applicable. </ol>",
    "setterMethodName" : "setLimitName",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "limitName",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",

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    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "limitName",
    "variableType" : "String",
    "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"LimitValues" : {
  "beanStyleGetterMethodName" : "getLimitValues",
  "beanStyleSetterMethodName" : "setLimitValues",
  "c2jName" : "LimitValues",
  "c2jShape" : "LimitValueList",
  "defaultConsumerFluentSetterDocumentation" : "<p> Values for the <code>
<a>StorageTypeLimit$LimitName</a> </code> . </p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #limitValues(List<String>)}. \n@param limitValues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitValues(List<String>)",
  "deprecated" : false,
  "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> . </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "limitValues",
  "fluentSetterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> . \n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "limitValues",
  "getterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return Values for the <code> <a>StorageTypeLimit$LimitName</a>

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</code> .",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "LimitValues",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "LimitValues",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "LimitValue",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "member",

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    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,

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    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "String",
      "variableName" : "member",
      "variableType" : "String",
      "documentation" : "",
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "xmlNameSpaceUri" : null
  },
  "memberLocationName" : null,
  "memberType" : "String",
  "map" : false,
  "memberAdditionalMarshallingPath" : null,
  "memberAdditionalUnmarshallingPath" : null,
  "simple" : true,
  "simpleType" : "String",
  "templateImplType" : "java.util.ArrayList<String>",
  "templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"sensitive" : false,
"setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> . </p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null

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    }
  },
  "nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getLimitName",
    "beanStyleSetterMethodName" : "setLimitName",
    "c2jName" : "LimitName",
    "c2jShape" : "LimitName",
    "defaultConsumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given
storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for
given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is
applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of
Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol> </p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #limitName(String)}. \n@param limitName a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #limitName(String)",
    "deprecated" : false,
    "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "limitName",
    "fluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> </p>\n@param limitName Name of storage limits
that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options
are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given
storage type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume
size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li>
Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
<li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not
applicable. </ol>\n@return Returns a reference to this object so that method calls can be chained together.",
  }
]

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    "fluentSetterMethodName" : "limitName",
    "getterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> <p>\n@return Name of storage limits that are
applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are
applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage
type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is
applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount
of Iops that is applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li>
Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol>",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "LimitName",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "LimitName",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "LimitName",
    "sensitive" : false,
    "setterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be

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empty if it is not applicable. - MaximumIops
 Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. - MinimumIops
 Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.

- MinimumVolumeSize
 Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. - MaximumVolumeSize
 Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. - MaximumIops
 Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. - MinimumIops
 Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
",

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"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a> </code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
<li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </ol> </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getLimitValues",
  "beanStyleSetterMethodName" : "setLimitValues",
  "c2jName" : "LimitValues",
  "c2jShape" : "LimitValueList",
  "defaultConsumerFluentSetterDocumentation" : "<p> Values for the <code>
<a>StorageTypeLimit$LimitName</a> </code> . </p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #limitValues(List<String>)}. \n@param limitValues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitValues(List<String>)",

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"deprecated" : false,
"documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> . </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitValues",
"fluentSetterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "limitValues",
"getterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Values for the <code> <a>StorageTypeLimit$LimitName</a>
</code> .",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitValues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitValues",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",

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    "c2jShape" : "LimitValue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,

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"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"sensitive" : false,
"setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",

```

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    "variableType" : "java.util.List<String>",
    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "limitValues",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> . </p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "StorageTypeLimit",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "StorageTypeLimit",
  "variableName" : "storageTypeLimit",
  "variableType" : "StorageTypeLimit",
  "documentation" : null,
  "simpleType" : "StorageTypeLimit",
  "variableSetterType" : "StorageTypeLimit"
},
"wrapper" : false
},
"Tag" : {
  "c2jName" : "Tag",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Specifies a key value pair for a resource tag.</p>",
  "endpointDiscovery" : null,

```

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"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getKey",
  "beanStyleSetterMethodName" : "setKey",
  "c2jName" : "Key",
  "c2jShape" : "TagKey",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #key(String)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "key",
  "fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "key",
  "getterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@return Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,

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"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be
unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the
<code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they
are attached.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique
for the Elasticsearch domain to which they are attached.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

```

```

}, {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "Value",
  "c2jShape" : "TagValue",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned
to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can
have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center :
Trinity</code></p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #value(String)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key.
Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag
set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the
corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a
key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param
value Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be
null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of
<code>project : Trinity</code> and <code>cost-center : Trinity</code>\n@return Returns a reference to this object
so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding
tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair
in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@return Specifies the
<code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have
to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code>
and <code>cost-center : Trinity</code>",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

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    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Value",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Value",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param value Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>",
  "setterMethodName" : "setValue",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null

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} ],
"membersAsMap" : {
  "Key" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "Key",
    "c2jShape" : "TagKey",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the
tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\nThis is a convenience
that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link
String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique
for the Elasticsearch domain to which they are attached.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must
be unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the
<code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they
are attached.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be
unique for the Elasticsearch domain to which they are attached.</p>\n@return Specifies the <code>TagKey</code>,
the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Key",
    "queryString" : false,

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    "statusCode" : false,
    "unmarshallLocationName" : "Key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Key",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be
unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the
<code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they
are attached.",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique
for the Elasticsearch domain to which they are attached.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"Value" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "Value",
  "c2jShape" : "TagValue",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value
assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example,
you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center :

```

Trinity

This is a convenience that creates an instance of the `{ @link String.Builder }` avoiding the need to create one manually via `{ @link String#builder() }`.
When the `{ @link Consumer }` completes, `{ @link String.Builder#build() }` is called immediately and its result is passed to `{ @link #value(String) }`.
`@param value` a consumer that will call methods on `{ @link String.Builder }`
`@return` Returns a reference to this object so that method calls can be chained together.
`@see #value(String)`,

"deprecated" : false,

"documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "value",

"fluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>
`@param value` Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>
`@return` Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "value",

"getterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>
`@return` Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Value",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Value",

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    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Value",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding
tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair
in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param value
Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and
do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project :
Trinity</code> and <code>cost-center : Trinity</code>",
  "setterMethodName" : "setValue",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag
key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in
a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getKey",
  "beanStyleSetterMethodName" : "setKey",
  "c2jName" : "Key",
  "c2jShape" : "TagKey",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag.

```

Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.</p>\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}.</p>\n@param key a consumer that will call methods on { @link String.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #key(String)",

"deprecated" : false,

"documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "key",

"fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "key",

"getterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@return Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",

"getterModel" : {
 "returnType" : "String",
 "documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Key",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Key",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be
unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the
<code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they
are attached.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique
for the Elasticsearch domain to which they are attached.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "Value",
  "c2jShape" : "TagValue",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned
to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can
have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center :
Trinity</code></p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need
to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #value(String)}. \n@param value a
consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #value(String)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key.
Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag
set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",

```

```

"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the
corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a
key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param
value Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be
null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of
<code>project : Trinity</code> and <code>cost-center : Trinity</code>\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding
tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair
in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@return Specifies the
<code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have
to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code>
and <code>cost-center : Trinity</code>",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,

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"marshallingType" : "STRING",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding
tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair
in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param value
Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and
do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project :
Trinity</code> and <code>cost-center : Trinity</code>",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag
key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in
a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Key", "Value" ],
"shapeName" : "Tag",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "tag",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
}

```

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    },
    "wrapper" : false
  },
  "UpdateElasticsearchDomainConfigRequest" : {
    "c2jName" : "UpdateElasticsearchDomainConfigRequest",
    "customization" : {
      "artificialResultWrapper" : null,
      "skipGeneratingMarshaller" : false,
      "skipGeneratingModelClass" : false,
      "skipGeneratingUnmarshaller" : false,
      "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p>Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code>
operation. Specifies the type and number of instances in the domain cluster.</p>",
    "endpointDiscovery" : null,
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : {
      "action" : "UpdateElasticsearchDomainConfig",
      "locationName" : null,
      "requestUri" : "/2015-01-01/es/domain/{DomainName}/config",
      "target" : null,
      "verb" : "POST",
      "xmlNamespaceUri" : null
    },
    "members" : [ {
      "beanStyleGetterMethodName" : "getDomainName",
      "beanStyleSetterMethodName" : "setDomainName",
      "c2jName" : "DomainName",
      "c2jShape" : "DomainName",
      "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are
updating. </p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to
create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link #domainName(String) }. \n@param
domainName a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
      "deprecated" : false,
      "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
      "endpointDiscoveryId" : false,

```

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating.
</p>\n@param domainName The name of the Elasticsearch domain that you are updating.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@return The
name of the Elasticsearch domain that you are updating.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@param
domainName The name of the Elasticsearch domain that you are updating.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",

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    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
  "deprecated" : false,
  "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchClusterConfig",
  "fluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchClusterConfig",
  "getterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\n@return The type and number of instances to instantiate for the domain cluster.",
  "getterModel" : {
    "returnType" : "ElasticsearchClusterConfig",
    "documentation" : null
  },
}

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"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"sensitive" : false,
"setterDocumentation" : "<p>The type and number of instances to instantiate for the domain
cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain
cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},

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    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getEbsOptions",
    "beanStyleSetterMethodName" : "setEbsOptions",
    "c2jName" : "EBSOptions",
    "c2jShape" : "EBSOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you
want to use. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the
need to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #ebsOptions(EBSOptions)",
    "deprecated" : false,
    "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "ebsOptions",
    "fluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use.
</p>\n@param ebsOptions Specify the type and size of the EBS volume that you want to use.\n@return Returns a
reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "ebsOptions",
    "getterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\n@return
Specify the type and size of the EBS volume that you want to use.",
    "getterModel" : {
      "returnType" : "EBSOptions",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EBSOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EBSOptions",
    "uri" : false
  },
}

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\n@param
ebsOptions Specify the type and size of the EBS volume that you want to use.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily
automated snapshot. Default value is <code>0</code> hours. </p>\nThis is a convenience that creates an instance of
the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
  "deprecated" : false,
  "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value
is <code>0</code> hours. </p>",

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot.
Default value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for
the daily automated snapshot. Default value is <code>0</code> hours.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>\n@return Option to set the time, in UTC format, for the daily automated
snapshot. Default value is <code>0</code> hours.",
"getterModel" : {
  "returnType" : "SnapshotOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for the
daily automated snapshot. Default value is <code>0</code> hours.",

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"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of the { @link VPCOptions.Builder} avoiding the need to create one manually via { @link VPCOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCOptions.Builder#build()} is called immediately and its result is passed to { @link #vpcOptions(VPCOptions)}. \n@param vpcOptions a consumer that will call methods on { @link VPCOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #vpcOptions(VPCOptions)",
  "deprecated" : false,
  "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "vpcOptions",
  "fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For

```

more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*

@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*

@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*

@return Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*

"getterModel" : {

"returnType" : "VPCOptions",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "VPCOptions",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "VPCOptions",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "VPCOptions",

"sensitive" : false,

"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service*

Domains

@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc> Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains

```
"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : null,
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains</p>",
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html Amazon Cognito Authentication for Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #cognitoOptions(CognitoOptions)",
  "deprecated" : false,
  "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html Amazon Cognito Authentication for Kibana</a>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
"getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"sensitive" : false,

```

"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.",

"setterMethodName" : "setCognitoOptions",

"setterModel" : {

"variableDeclarationType" : "CognitoOptions",

"variableName" : "cognitoOptions",

"variableType" : "CognitoOptions",

"documentation" : null,

"simpleType" : "CognitoOptions",

"variableSetterType" : "CognitoOptions"

},

"simple" : false,

"timestampFormat" : null,

"variable" : {

"variableDeclarationType" : "CognitoOptions",

"variableName" : "cognitoOptions",

"variableType" : "CognitoOptions",

"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>",

"simpleType" : "CognitoOptions",

"variableSetterType" : "CognitoOptions"

},

"xmlNamespaceUri" : null

}, {

"beanStyleGetterMethodName" : "getAdvancedOptions",

"beanStyleSetterMethodName" : "setAdvancedOptions",

"c2jName" : "AdvancedOptions",

"c2jShape" : "AdvancedOptions",

"defaultConsumerFluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>\nThis is a convenience that creates an instance of the { @link Map<String,String>.Builder } avoiding the need to create one manually via { @link Map<String,String>#builder() }. \n\nWhen the { @link Consumer } completes, { @link Map<String,String>.Builder#build() } is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>) }. \n@param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #advancedOptions(Map<String,String>)",

"deprecated" : false,

"documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-

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createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\",
  \"endpointDiscoveryId\" : false,
  \"enumType\" : null,
  \"eventHeader\" : false,
  \"eventPayload\" : false,
  \"fluentEnumGetterMethodName\" : null,
  \"fluentEnumSetterMethodName\" : null,
  \"fluentGetterMethodName\" : \"advancedOptions\",
  \"fluentSetterDocumentation\" : \"<p>Modifies the advanced option to allow references to indices in an HTTP
request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the
value is <code>>true</code>. See <a href=\\\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\\\"
target=\\\"_blank\\\">Configuration Advanced Options</a> for more information.</p>\\n@param advancedOptions
Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code>
when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a
href=\\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\\\" target=\\\"_blank\\\">Configuration Advanced Options</a> for more
information.\\n@return Returns a reference to this object so that method calls can be chained together.\",
  \"fluentSetterMethodName\" : \"advancedOptions\",
  \"getterDocumentation\" : \"<p>Modifies the advanced option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\\\" target=\\\"_blank\\\">Configuration
Advanced Options</a> for more information.</p>\\n<p>\\nAttempts to modify the collection returned by this method
will result in an UnsupportedOperationException.\\n</p>\\n@return Modifies the advanced option to allow references
to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-
resources. By default, the value is <code>>true</code>. See <a href=\\\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\\\"
target=\\\"_blank\\\">Configuration Advanced Options</a> for more information.\",
  \"getterModel\" : {
    \"returnType\" : \"java.util.Map<String,String>\",
    \"documentation\" : null
  },
  \"http\" : {
    \"additionalMarshallingPath\" : null,
    \"additionalUnmarshallingPath\" : null,
    \"flattened\" : false,
    \"greedy\" : false,
    \"header\" : false,
    \"isPayload\" : false,
    \"isStreaming\" : false,
    \"location\" : null,
    \"marshallLocation\" : \"PAYLOAD\",
    \"marshallLocationName\" : \"AdvancedOptions\",
    \"queryString\" : false,
    \"statusCode\" : false,
    \"unmarshallLocationName\" : \"AdvancedOptions\",

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    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : true,
  "mapModel" : {
    "implType" : "java.util.HashMap",
    "interfaceType" : "java.util.Map",
    "keyLocationName" : "key",
    "keyModel" : {
      "beanStyleGetterMethodName" : "getKey",
      "beanStyleSetterMethodName" : "setKey",
      "c2jName" : "key",
      "c2jShape" : "String",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #key(String)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "key",
      "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object. \n@return Returns a reference to this object so that method calls can be
chained together.",
      "fluentSetterMethodName" : "key",
      "getterDocumentation" : "Returns the value of the Key property for this object. \n@return The value of the
Key property for this object.",
      "getterModel" : {
        "returnType" : "String",
        "documentation" : null
      }
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,

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    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Key",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",

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    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #value(String)}. \n@param value a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,

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"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\n\n@param advancedOptions Modifies the advanced option to
allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to
individual sub-resources. By default, the value is <code>>true</code>. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more
information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",

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    "documentation" : null,
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "advancedOptions",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information.</p>",
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #accessPolicies(String)",
  "deprecated" : false,
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "accessPolicies",
  "fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "accessPolicies",
  "getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy as a JSON-formatted string.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
}

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    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "AccessPolicies",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "AccessPolicies",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "AccessPolicies",
    "sensitive" : false,
    "setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
    "setterMethodName" : "setAccessPolicies",
    "setterModel" : {
      "variableDeclarationType" : "String",
      "variableName" : "accessPolicies",
      "variableType" : "String",
      "documentation" : null,
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "String",
      "variableName" : "accessPolicies",
      "variableType" : "String",
      "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
  },

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    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
    "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
    "c2jName" : "LogPublishingOptions",
    "c2jShape" : "LogPublishingOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}. \n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
    "deprecated" : false,
    "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "logPublishingOptions",
    "fluentEnumSetterMethodName" : "logPublishingOptions",
    "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
    "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>,
each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
    "getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
    "getterModel" : {
      "returnType" : "java.util.Map<String,LogPublishingOption>",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
  }
}

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"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : "LogType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "key",
    "fluentEnumSetterMethodName" : "key",
    "fluentGetterMethodName" : "keyAsString",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  }
}

```

```

},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},

```

```

    "xmlNamespaceUri" : null
  },
  "valueLocationName" : "value",
  "valueModel" : {
    "beanStyleGetterMethodName" : "getValue",
    "beanStyleSetterMethodName" : "setValue",
    "c2jName" : "value",
    "c2jShape" : "LogPublishingOption",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link LogPublishingOption.Builder} avoiding the need to create
one manually via {@link LogPublishingOption#builder()}. \n\nWhen the {@link Consumer} completes, {@link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to {@link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on {@link
LogPublishingOption.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #value(LogPublishingOption)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object. \n@return Returns a reference to this object so that method calls can
be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object. \n@return The value of the
Value property for this object.",
    "getterModel" : {
      "returnType" : "LogPublishingOption",
      "documentation" : null
    }
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",

```



```

    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Value",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
  "setterMethodName" : "setValue",
  "setterModel" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : null,
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : "",
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",

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"variableName" : "logPublishingOptions",
"variableType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null,
"simpleType" : "Map<String,LogPublishingOption>",
"variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
"variableName" : "logPublishingOptions",
"variableType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
"simpleType" : "Map<String,LogPublishingOption>",
"variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNameSpaceUri" : null
} ],
"membersAsMap" : {
"AccessPolicies" : {
"beanStyleGetterMethodName" : "getAccessPolicies",
"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "PolicyDocument",
"defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param
accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #accessPolicies(String)",
"deprecated" : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access
policy as a JSON-formatted string.",
"getterModel" : {
"returnType" : "String",

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    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AccessPolicies",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AccessPolicies",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "AccessPolicies",
  "sensitive" : false,
  "setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
  "setterMethodName" : "setAccessPolicies",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  }
}

```

```

    },
    "xmlNamespaceUri" : null
  },
  "AdvancedOptions" : {
    "beanStyleGetterMethodName" : "getAdvancedOptions",
    "beanStyleSetterMethodName" : "setAdvancedOptions",
    "c2jName" : "AdvancedOptions",
    "c2jShape" : "AdvancedOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #advancedOptions(Map<String,String>)",
    "deprecated" : false,
    "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "advancedOptions",
    "fluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information.</p>\n@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "advancedOptions",
    "getterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information.</p>\n<p>\nAttempts to modify the collection returned by this method

```

will result in an `UnsupportedOperationException`.
@return Modifies the advanced option to allow references to indices in an HTTP request body. Must be `false` when configuring access to individual sub-resources. By default, the value is `true`. See <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options> for more information.",

```
"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdvancedOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdvancedOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #key(String)}. \n\n@param key a consumer that will call methods on {@link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #key(String)",
    "deprecated" : false,
    "documentation" : ""
  }
}
```

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",

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    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null

```

```

},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},

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```

    "xmlNamespaceUri" : null
  },
  "entryType" : "Map.Entry<String, String>",
  "templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\n@param advancedOptions Modifies the advanced option to
allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to
individual sub-resources. By default, the value is <code>>true</code>. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more
information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
},
"CognitoOptions" : {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptions",

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"defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #cognitoOptions(CognitoOptions)",
"deprecated" : false,
"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
"getterModel" : {
    "returnType" : "CognitoOptions",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",

```

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"marshallLocationName" : "CognitoOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CognitoOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNamespaceUri" : null
},
"DomainName" : {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",

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    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are
updating. </p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to
create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}. \n@param
domainName a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating.
</p>\n@param domainName The name of the Elasticsearch domain that you are updating. \n@return Returns a
reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@return The
name of the Elasticsearch domain that you are updating.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : "uri",
        "marshallLocation" : "PATH",
        "marshallLocationName" : "DomainName",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "DomainName",
        "uri" : true
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@param
domainName The name of the Elasticsearch domain that you are updating.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"EBSOptions" : {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you
want to use. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the
need to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #ebsOptions(EBSOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,

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    "fluentGetterMethodName" : "ebsOptions",
    "fluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use.
</p>\n@param ebsOptions Specify the type and size of the EBS volume that you want to use.\n@return Returns a
reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "ebsOptions",
    "getterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use.
</p>\n@return Specify the type and size of the EBS volume that you want to use.",
    "getterModel" : {
        "returnType" : "EBSOptions",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "EBSOptions",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "EBSOptions",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "EBSOptions",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use.
</p>\n@param ebsOptions Specify the type and size of the EBS volume that you want to use.",
    "setterMethodName" : "setEbsOptions",
    "setterModel" : {
        "variableDeclarationType" : "EBSOptions",
        "variableName" : "ebsOptions",
        "variableType" : "EBSOptions",
        "documentation" : null,
        "simpleType" : "EBSOptions",
        "variableSetterType" : "EBSOptions"
    },
}

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"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNamespaceUri" : null
},
"ElasticsearchClusterConfig" : {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. \nWhen the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
  "deprecated" : false,
  "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchClusterConfig",
  "fluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchClusterConfig",
  "getterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\n@return The type and number of instances to instantiate for the domain cluster.",
  "getterModel" : {
    "returnType" : "ElasticsearchClusterConfig",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchClusterConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchClusterConfig",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "ElasticsearchClusterConfig",
  "sensitive" : false,
  "setterDocumentation" : "<p>The type and number of instances to instantiate for the domain
cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain
cluster.",
  "setterMethodName" : "setElasticsearchClusterConfig",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchClusterConfig",
    "variableName" : "elasticsearchClusterConfig",
    "variableType" : "ElasticsearchClusterConfig",
    "documentation" : null,
    "simpleType" : "ElasticsearchClusterConfig",
    "variableSetterType" : "ElasticsearchClusterConfig"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchClusterConfig",
    "variableName" : "elasticsearchClusterConfig",
    "variableType" : "ElasticsearchClusterConfig",
    "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
    "simpleType" : "ElasticsearchClusterConfig",
    "variableSetterType" : "ElasticsearchClusterConfig"
  },
  "xmlNamespaceUri" : null
},
"LogPublishingOptions" : {
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",

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    "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
    "c2jName" : "LogPublishingOptions",
    "c2jShape" : "LogPublishingOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder }
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the
{ @link Consumer } completes, { @link Map<String,LogPublishingOption>.Builder#build() } is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.\n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
    "deprecated" : false,
    "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "logPublishingOptions",
    "fluentEnumSetterMethodName" : "logPublishingOptions",
    "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
    "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\n@param logPublishingOptions Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
    "getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
    "getterModel" : {
        "returnType" : "java.util.Map<String,LogPublishingOption>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "LogPublishingOptions",

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    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "LogPublishingOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : true,
  "mapModel" : {
    "implType" : "java.util.HashMap",
    "interfaceType" : "java.util.Map",
    "keyLocationName" : "key",
    "keyModel" : {
      "beanStyleGetterMethodName" : "getKeyAsString",
      "beanStyleSetterMethodName" : "setKey",
      "c2jName" : "key",
      "c2jShape" : "LogType",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #key(String)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : "LogType",
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : "key",
      "fluentEnumSetterMethodName" : "key",
      "fluentGetterMethodName" : "keyAsString",
      "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that method calls can be chained together.\n@see LogType",
      "fluentSetterMethodName" : "key",
      "getterDocumentation" : "Returns the value of the Key property for this object.\n\nIf the service returns an enum value that is not available in the current SDK version, { @link #key} will return { @link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #keyAsString}. \n\n@return The value of the Key property for this object.\n@see LogType",
      "getterModel" : {
        "returnType" : "String",
        "documentation" : null
      },
    },
  },
  "http" : {

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    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Key",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
  "setterMethodName" : "setKey",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},

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"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the
need to create one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
  "getterModel" : {
    "returnType" : "LogPublishingOption",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},

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    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
    "setterMethodName" : "setValue",
    "setterModel" : {
      "variableDeclarationType" : "LogPublishingOption",
      "variableName" : "value",
      "variableType" : "LogPublishingOption",
      "documentation" : null,
      "simpleType" : "LogPublishingOption",
      "variableSetterType" : "LogPublishingOption"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "LogPublishingOption",
      "variableName" : "value",
      "variableType" : "LogPublishingOption",
      "documentation" : "",
      "simpleType" : "LogPublishingOption",
      "variableSetterType" : "LogPublishingOption"
    },
    "xmlNamespaceUri" : null
  },
  "entryType" : "Map.Entry<String, LogPublishingOption>",
  "templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",

```

```

    "documentation" : null,
    "simpleType" : "Map<String,LogPublishingOption>",
    "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
    "variableName" : "logPublishingOptions",
    "variableType" : "java.util.Map<String,LogPublishingOption>",
    "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
    "simpleType" : "Map<String,LogPublishingOption>",
    "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
  },
  "xmlNamespaceUri" : null
},
"SnapshotOptions" : {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily
automated snapshot. Default value is <code>0</code> hours. </p>\nThis is a convenience that creates an instance of
the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
  "deprecated" : false,
  "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value
is <code>0</code> hours. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "snapshotOptions",
  "fluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot.
Default value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for
the daily automated snapshot. Default value is <code>0</code> hours.\n@return Returns a reference to this object
so that method calls can be chained together.",
  "fluentSetterMethodName" : "snapshotOptions",
  "getterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>\n@return Option to set the time, in UTC format, for the daily automated
snapshot. Default value is <code>0</code> hours.",

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```

"getterModel" : {
  "returnType" : "SnapshotOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",

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    "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>",
    "simpleType" : "SnapshotOptions",
    "variableSetterType" : "SnapshotOptions"
  },
  "xmlNamespaceUri" : null
},
"VPCOptions" : {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for
VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC
Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of
the { @link VPCOptions.Builder} avoiding the need to create one manually via { @link
VPCOptions.Builder}. \n\nWhen the { @link Consumer} completes, { @link VPCOptions.Builder#build()} is
called immediately and its result is passed to { @link #vpcOptions(VPCOptions)}. \n@param vpcOptions a
consumer that will call methods on { @link VPCOptions.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #vpcOptions(VPCOptions)",
  "deprecated" : false,
  "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "vpcOptions",
  "fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch
Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC
endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC
Endpoints for Amazon Elasticsearch Service Domains</i>\n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "vpcOptions",
  "getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>\n@return Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service

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Domains</i>",
  "getterModel" : {
    "returnType" : "VPCOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "VPCOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "VPCOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "VPCOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",
  "setterMethodName" : "setVpcOptions",
  "setterModel" : {
    "variableDeclarationType" : "VPCOptions",
    "variableName" : "vpcOptions",
    "variableType" : "VPCOptions",
    "documentation" : null,
    "simpleType" : "VPCOptions",
    "variableSetterType" : "VPCOptions"
  },
  "simple" : false,

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    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "VPCOptions",
      "variableName" : "vpcOptions",
      "variableType" : "VPCOptions",
      "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>",
      "simpleType" : "VPCOptions",
      "variableSetterType" : "VPCOptions"
    },
    "xmlNamespaceUri" : null
  }
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are
updating. </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating.
</p>\n@param domainName The name of the Elasticsearch domain that you are updating.\n@return Returns a
reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@return The
name of the Elasticsearch domain that you are updating.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,

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    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : true
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@param
domainName The name of the Elasticsearch domain that you are updating.",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",

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"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the
domain cluster.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a consumer that
will call methods on { @link ElasticsearchClusterConfig.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
"deprecated" : false,
"documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain
cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain
cluster.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>The type and number of instances to instantiate for the domain
cluster.</p>\n@return The type and number of instances to instantiate for the domain cluster.",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"sensitive" : false,
"setterDocumentation" : "<p>The type and number of instances to instantiate for the domain
cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain
cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you
want to use. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the
need to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #ebsOptions(EBSOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use.
</p>\n@param ebsOptions Specify the type and size of the EBS volume that you want to use.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\n@return
Specify the type and size of the EBS volume that you want to use.",
"getterModel" : {
  "returnType" : "EBSOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EBSOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EBSOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\n@param
ebsOptions Specify the type and size of the EBS volume that you want to use.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",

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    "variableSetterType" : "EBSOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "EBSOptions",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptions",
    "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
    "simpleType" : "EBSOptions",
    "variableSetterType" : "EBSOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily
automated snapshot. Default value is <code>0</code> hours. </p>\nThis is a convenience that creates an instance of
the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
  "deprecated" : false,
  "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value
is <code>0</code> hours. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "snapshotOptions",
  "fluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot.
Default value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for
the daily automated snapshot. Default value is <code>0</code> hours. \n@return Returns a reference to this object
so that method calls can be chained together.",
  "fluentSetterMethodName" : "snapshotOptions",
  "getterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>\n@return Option to set the time, in UTC format, for the daily automated
snapshot. Default value is <code>0</code> hours.",
  "getterModel" : {
    "returnType" : "SnapshotOptions",
    "documentation" : null
  },
  },

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"http" : {
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  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
}

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    },
    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getVpcOptions",
    "beanStyleSetterMethodName" : "setVpcOptions",
    "c2jName" : "VPCOptions",
    "c2jShape" : "VPCOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of the { @link VPCOptions.Builder} avoiding the need to create one manually via { @link VPCOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCOptions.Builder#build()} is called immediately and its result is passed to { @link #vpcOptions(VPCOptions)}. \n@param vpcOptions a consumer that will call methods on { @link VPCOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #vpcOptions(VPCOptions)",
    "deprecated" : false,
    "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "vpcOptions",
    "fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "vpcOptions",
    "getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@return Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",
    "getterModel" : {
      "returnType" : "VPCOptions",
      "documentation" : null
    }
  },

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"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : null,
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",

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"documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}. \n\n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #cognitoOptions(CognitoOptions)",
  "deprecated" : false,
  "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cognitoOptions",
  "fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.\n\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "cognitoOptions",
  "getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n\n@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
  "getterModel" : {

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    "returnType" : "CognitoOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CognitoOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CognitoOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "CognitoOptions",
  "sensitive" : false,
  "setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.",
  "setterMethodName" : "setCognitoOptions",
  "setterModel" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "cognitoOptions",
    "variableType" : "CognitoOptions",
    "documentation" : null,
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "CognitoOptions",

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    "variableName" : "cognitoOptions",
    "variableType" : "CognitoOptions",
    "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to
indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-
resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options</a> for more information.</p>\nThis is a convenience that
creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #advancedOptions(Map<String,String>)",
  "deprecated" : false,
  "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body.
Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "advancedOptions",
  "fluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP
request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the
value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options</a> for more information.</p>\n@param advancedOptions
Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code>
when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more
information. \n@return Returns a reference to this object so that method calls can be chained together.",

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"fluentSetterMethodName" : "advancedOptions",
"getterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options</a> for more information.</p>\n<p>\nAttempts to modify the collection returned by this method
will result in an UnsupportedOperationException.\n</p>\n@return Modifies the advanced option to allow references
to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-
resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdateddomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options</a> for more information.",
"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdvancedOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdvancedOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via

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{ @link String#builder()}.
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}.
@param key a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #key(String)",

```
"deprecated" : false,  
"documentation" : "",  
"endpointDiscoveryId" : false,  
"enumType" : null,  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : null,  
"fluentEnumSetterMethodName" : null,  
"fluentGetterMethodName" : "key",  
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.  
@param key The new value for the Key property for this object.  
@return Returns a reference to this object so that method calls can be chained together.",
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"fluentSetterMethodName" : "key",  
"getterDocumentation" : "Returns the value of the Key property for this object.  
@return The value of the Key property for this object.",
```

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"getterModel" : {  
  "returnType" : "String",  
  "documentation" : null  
},  
"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "key",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "key",  
  "uri" : false  
},  
"idempotencyToken" : false,  
"isBinary" : false,  
"jsonValue" : false,  
"list" : false,  
"listModel" : null,  
"map" : false,  
"mapModel" : null,  
"marshallingType" : "STRING",  
"name" : "Key",
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"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #value(String)}. \n\n@param value a consumer that will call methods on
{@link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n\n@return Returns a reference to this object so that method calls can
be chained together.",

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    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Value",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
    "setterMethodName" : "setValue",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "value",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",

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    "variableName" : "value",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information.</p>\n@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options</a> for more information.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null

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}, {
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #accessPolicies(String)}. \n@param accessPolicies a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #accessPolicies(String)",
  "deprecated" : false,
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "accessPolicies",
  "fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "accessPolicies",
  "getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AccessPolicies",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AccessPolicies",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"sensitive" : false,
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
  "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.\n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
  "deprecated" : false,
  "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
  "endpointDiscoveryId" : false,

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>,
each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LogPublishingOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LogPublishingOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",

```

```

"beanSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "LogType",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : "LogType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link LogPublishingOption.Builder} avoiding the need to create
one manually via {@link LogPublishingOption#builder()}. \n\nWhen the {@link Consumer} completes, {@link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to {@link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on {@link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,

```

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",

```



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    "documentation" : null,
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : "",
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
  },
  "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"sensitive" : false,
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
} ],

```

```

"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "UpdateElasticsearchDomainConfigRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "UpdateElasticsearchDomainConfigRequest",
  "variableName" : "updateElasticsearchDomainConfigRequest",
  "variableType" : "UpdateElasticsearchDomainConfigRequest",
  "documentation" : null,
  "simpleType" : "UpdateElasticsearchDomainConfigRequest",
  "variableSetterType" : "UpdateElasticsearchDomainConfigRequest"
},
"wrapper" : false
},
"UpdateElasticsearchDomainConfigResponse" : {
  "c2jName" : "UpdateElasticsearchDomainConfigResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The result of an <code>UpdateElasticsearchDomain</code> request. Contains the status of the Elasticsearch domain being updated.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getDomainConfig",
    "beanStyleSetterMethodName" : "setDomainConfig",
    "c2jName" : "DomainConfig",
    "c2jShape" : "ElasticsearchDomainConfig",
    "defaultConsumerFluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via { @link ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link

```

Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to {@link #domainConfig(ElasticsearchDomainConfig)}.
@param domainConfig a consumer that will call methods on {@link ElasticsearchDomainConfig.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #domainConfig(ElasticsearchDomainConfig)",

```
"deprecated" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param
domainConfig The status of the updated Elasticsearch domain.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "domainConfig",
"getterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@return The status of the
updated Elasticsearch domain.",
"getterModel" : {
  "returnType" : "ElasticsearchDomainConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
```

```

"sensitive" : false,
"setterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param domainConfig
The status of the updated Elasticsearch domain.",
"setterMethodName" : "setDomainConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainConfig" : {
    "beanStyleGetterMethodName" : "getDomainConfig",
    "beanStyleSetterMethodName" : "setDomainConfig",
    "c2jName" : "DomainConfig",
    "c2jShape" : "ElasticsearchDomainConfig",
    "defaultConsumerFluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via { @link ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to { @link #domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call
methods on { @link ElasticsearchDomainConfig.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #domainConfig(ElasticsearchDomainConfig)",
    "deprecated" : false,
    "documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainConfig",
    "fluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param
domainConfig The status of the updated Elasticsearch domain. \n@return Returns a reference to this object so that

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```

method calls can be chained together.",
    "fluentSetterMethodName" : "domainConfig",
    "getterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@return The status of the
updated Elasticsearch domain.",
    "getterModel" : {
        "returnType" : "ElasticsearchDomainConfig",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "DomainConfig",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "DomainConfig",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "DomainConfig",
    "sensitive" : false,
    "setterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param domainConfig
The status of the updated Elasticsearch domain.",
    "setterMethodName" : "setDomainConfig",
    "setterModel" : {
        "variableDeclarationType" : "ElasticsearchDomainConfig",
        "variableName" : "domainConfig",
        "variableType" : "ElasticsearchDomainConfig",
        "documentation" : null,
        "simpleType" : "ElasticsearchDomainConfig",
        "variableSetterType" : "ElasticsearchDomainConfig"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {

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    "variableDeclarationType" : "ElasticsearchDomainConfig",
    "variableName" : "domainConfig",
    "variableType" : "ElasticsearchDomainConfig",
    "documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
    "simpleType" : "ElasticsearchDomainConfig",
    "variableSetterType" : "ElasticsearchDomainConfig"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainConfig",
  "beanStyleSetterMethodName" : "setDomainConfig",
  "c2jName" : "DomainConfig",
  "c2jShape" : "ElasticsearchDomainConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via { @link ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to { @link #domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call
methods on { @link ElasticsearchDomainConfig.Builder}\n@return Returns a reference to this object so that method
calls can be chained together. \n@see #domainConfig(ElasticsearchDomainConfig)",
  "deprecated" : false,
  "documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainConfig",
  "fluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param
domainConfig The status of the updated Elasticsearch domain. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "domainConfig",
  "getterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@return The status of the
updated Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "ElasticsearchDomainConfig",
    "documentation" : null
  },
  },
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,

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```

    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainConfig",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "DomainConfig",
  "sensitive" : false,
  "setterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param domainConfig
The status of the updated Elasticsearch domain.",
  "setterMethodName" : "setDomainConfig",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainConfig",
    "variableName" : "domainConfig",
    "variableType" : "ElasticsearchDomainConfig",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainConfig",
    "variableSetterType" : "ElasticsearchDomainConfig"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchDomainConfig",
    "variableName" : "domainConfig",
    "variableType" : "ElasticsearchDomainConfig",
    "documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
    "simpleType" : "ElasticsearchDomainConfig",
    "variableSetterType" : "ElasticsearchDomainConfig"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainConfig" ],
"shapeName" : "UpdateElasticsearchDomainConfigResponse",
"simpleMethod" : false,
"unmarshaller" : {

```

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    "flattened" : false,
    "resultWrapper" : null
  },
  "variable" : {
    "variableDeclarationType" : "UpdateElasticsearchDomainConfigResponse",
    "variableName" : "updateElasticsearchDomainConfigResponse",
    "variableType" : "UpdateElasticsearchDomainConfigResponse",
    "documentation" : null,
    "simpleType" : "UpdateElasticsearchDomainConfigResponse",
    "variableSetterType" : "UpdateElasticsearchDomainConfigResponse"
  },
  "wrapper" : false
},
"UpgradeElasticsearchDomainRequest" : {
  "c2jName" : "UpgradeElasticsearchDomainRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for request parameters to <code> <a>UpgradeElasticsearchDomain</a>
</code> operation. </p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "UpgradeElasticsearchDomain",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/upgradeDomain",
    "target" : null,
    "verb" : "POST",
    "xmlNamespaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",

```



```

    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "DomainName",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "DomainName",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,

```

```

"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getTargetVersion",
  "beanStyleSetterMethodName" : "setTargetVersion",
  "c2jName" : "TargetVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade
the domain to.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need
to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #targetVersion(String)}. \n@param
targetVersion a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #targetVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "targetVersion",
  "fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return

```

Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"sensitive" : false,
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
```

```

    "variableDeclarationType" : "String",
    "variableName" : "targetVersion",
    "variableType" : "String",
    "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPerformCheckOnly",
  "beanStyleSetterMethodName" : "setPerformCheckOnly",
  "c2jName" : "PerformCheckOnly",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #performCheckOnly(Boolean)",
  "deprecated" : false,
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "performCheckOnly",
  "fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "performCheckOnly",
  "getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

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```

    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "PerformCheckOnly",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "PerformCheckOnly",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "PerformCheckOnly",
  "sensitive" : false,
  "setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
  "setterMethodName" : "setPerformCheckOnly",
  "setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "performCheckOnly",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "performCheckOnly",
    "variableType" : "Boolean",
    "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "DomainName" : {

```

```

"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create
one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link #domainName(String) }. \n@param
domainName a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object. \n\n@param
domainName The new value for the DomainName property for this object. \n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object. \n@return The value
of the DomainName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```

```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"PerformCheckOnly" : {
  "beanStyleGetterMethodName" : "getPerformCheckOnly",
  "beanStyleSetterMethodName" : "setPerformCheckOnly",
  "c2jName" : "PerformCheckOnly",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade
Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience
that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link
Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called
immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a
consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #performCheckOnly(Boolean)",
  "deprecated" : false,
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "performCheckOnly",
"fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check
needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag,
when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform
the Upgrade.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "performCheckOnly",
"getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to
be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that
an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PerformCheckOnly",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PerformCheckOnly",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"sensitive" : false,
"setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to
be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to
True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the
Upgrade.",
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {

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    "variableDeclarationType" : "Boolean",
    "variableName" : "performCheckOnly",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "performCheckOnly",
    "variableType" : "Boolean",
    "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
},
"TargetVersion" : {
  "beanStyleGetterMethodName" : "getTargetVersion",
  "beanStyleSetterMethodName" : "setTargetVersion",
  "c2jName" : "TargetVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade
the domain to.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #targetVersion(String)}. \n@param
targetVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #targetVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "targetVersion",
  "fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "targetVersion",
  "getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
  "getterModel" : {
    "returnType" : "String",

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```

    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "TargetVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "TargetVersion",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "TargetVersion",
  "sensitive" : false,
  "setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
  "setterMethodName" : "setTargetVersion",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "targetVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "targetVersion",
    "variableType" : "String",
    "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  }

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```

    },
    "xmlNamespaceUri" : null
  }
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object. \n\n@param
domainName The new value for the DomainName property for this object. \n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "Returns the value of the DomainName property for this object. \n@return The value of
the DomainName property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",

```

```

    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getTargetVersion",
  "beanStyleSetterMethodName" : "setTargetVersion",
  "c2jName" : "TargetVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade
the domain to.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need
to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #targetVersion(String)}. \n@param
targetVersion a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #targetVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "endpointDiscoveryId" : false,

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"sensitive" : false,
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",

```

```

    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "targetVersion",
    "variableType" : "String",
    "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPerformCheckOnly",
  "beanStyleSetterMethodName" : "setPerformCheckOnly",
  "c2jName" : "PerformCheckOnly",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #performCheckOnly(Boolean)",
  "deprecated" : false,
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "performCheckOnly",
  "fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "performCheckOnly",
  "getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
  "getterModel" : {
    "returnType" : "Boolean",

```

```

"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PerformCheckOnly",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PerformCheckOnly",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"sensitive" : false,

```

"setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",

```

"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be

```

performed. This will not actually perform the Upgrade. </p>

```
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName", "TargetVersion" ],
"shapeName" : "UpgradeElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
"variableDeclarationType" : "UpgradeElasticsearchDomainRequest",
"variableName" : "upgradeElasticsearchDomainRequest",
"variableType" : "UpgradeElasticsearchDomainRequest",
"documentation" : null,
"simpleType" : "UpgradeElasticsearchDomainRequest",
"variableSetterType" : "UpgradeElasticsearchDomainRequest"
},
"wrapper" : false
},
"UpgradeElasticsearchDomainResponse" : {
"c2jName" : "UpgradeElasticsearchDomainResponse",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> Container for response returned by <code> <a>UpgradeElasticsearchDomain</a>
</code> operation. </p>",
"endpointDiscovery" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getDomainName",
```



```

"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,

```

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getTargetVersion",
  "beanStyleSetterMethodName" : "setTargetVersion",
  "c2jName" : "TargetVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade
the domain to.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need
to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #targetVersion(String)}. \n@param
targetVersion a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #targetVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "targetVersion",

```

```

"fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"sensitive" : false,
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,

```

```

"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPerformCheckOnly",
  "beanStyleSetterMethodName" : "setPerformCheckOnly",
  "c2jName" : "PerformCheckOnly",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #performCheckOnly(Boolean)",
  "deprecated" : false,
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "performCheckOnly",
  "fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "performCheckOnly",
  "getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

```

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "PerformCheckOnly",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "PerformCheckOnly",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "BOOLEAN",
  "name" : "PerformCheckOnly",
  "sensitive" : false,
  "setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
  "setterMethodName" : "setPerformCheckOnly",
  "setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "performCheckOnly",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "performCheckOnly",
    "variableType" : "Boolean",
    "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
} ],

```

```

"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value
of the DomainName property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : false
  },
  "idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"PerformCheckOnly" : {
  "beanStyleGetterMethodName" : "getPerformCheckOnly",
  "beanStyleSetterMethodName" : "setPerformCheckOnly",
  "c2jName" : "PerformCheckOnly",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade
Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience
that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link
Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called
immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a
consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #performCheckOnly(Boolean)",
  "deprecated" : false,
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
  "endpointDiscoveryId" : false,

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "performCheckOnly",
"fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check
needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag,
when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform
the Upgrade.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "performCheckOnly",
"getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to
be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that
an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PerformCheckOnly",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PerformCheckOnly",
  "uri" : false
},
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"sensitive" : false,
"setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to
be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to
True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the
Upgrade."

```



```

"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"TargetVersion" : {
  "beanStyleGetterMethodName" : "getTargetVersion",
  "beanStyleSetterMethodName" : "setTargetVersion",
  "c2jName" : "TargetVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade
the domain to.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need
to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #targetVersion(String)}. \n@param
targetVersion a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #targetVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "targetVersion",
  "fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to. \n@return
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "targetVersion",
  "getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",

```

```

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"sensitive" : false,
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",

```

```

    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object. \n\n@param
domainName The new value for the DomainName property for this object. \n@return Returns a reference to this
object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "Returns the value of the DomainName property for this object. \n@return The value of
the DomainName property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,

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```

    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
  "setterMethodName" : "setDomainName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getTargetVersion",
  "beanStyleSetterMethodName" : "setTargetVersion",
  "c2jName" : "TargetVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade
the domain to.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need
to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link #targetVersion(String) }. \n@param
targetVersion a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #targetVersion(String)",
  "deprecated" : false,

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"documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"sensitive" : false,
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {

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    "variableDeclarationType" : "String",
    "variableName" : "targetVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "targetVersion",
    "variableType" : "String",
    "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPerformCheckOnly",
  "beanStyleSetterMethodName" : "setPerformCheckOnly",
  "c2jName" : "PerformCheckOnly",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #performCheckOnly(Boolean)",
  "deprecated" : false,
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "performCheckOnly",
  "fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "performCheckOnly",
  "getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",

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"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PerformCheckOnly",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PerformCheckOnly",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"sensitive" : false,
"setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",

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    "variableType" : "Boolean",
    "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "UpgradeElasticsearchDomainResponse",
  "variableName" : "upgradeElasticsearchDomainResponse",
  "variableType" : "UpgradeElasticsearchDomainResponse",
  "documentation" : null,
  "simpleType" : "UpgradeElasticsearchDomainResponse",
  "variableSetterType" : "UpgradeElasticsearchDomainResponse"
},
"wrapper" : false
},
"UpgradeHistory" : {
  "c2jName" : "UpgradeHistory",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>History of the last 10 Upgrades and Upgrade Eligibility Checks.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,

```



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"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getUpgradeName",
  "beanStyleSetterMethodName" : "setUpgradeName",
  "c2jName" : "UpgradeName",
  "c2jShape" : "UpgradeName",
  "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #upgradeName(String)",
  "deprecated" : false,
  "documentation" : "<p>A string that describes the update briefly</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "upgradeName",
  "fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "upgradeName",
  "getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes the
update briefly",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeName",
  "uri" : false
},

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"sensitive" : false,
"setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : "<p>A string that describes the update briefly</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStartTimestamp",
  "beanStyleSetterMethodName" : "setStartTimestamp",
  "c2jName" : "StartTimestamp",
  "c2jShape" : "StartTimestamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made
in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\nThis is a convenience that creates an instance of the { @link
Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link
#startTimestamp(Instant)}. \n@param startTimestamp a consumer that will call methods on { @link
Instant.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#startTimestamp(Instant)",
  "deprecated" : false,
  "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>",
  "endpointDiscoveryId" : false,

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTimestamp",
"fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "startTimestamp",
"getterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@return UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StartTimestamp",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StartTimestamp",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTimestamp",
"sensitive" : false,
"setterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
"setterMethodName" : "setStartTimestamp",

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"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTimestamp",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTimestamp",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpgradeStatusAsString",
  "beanStyleSetterMethodName" : "setUpgradeStatus",
  "c2jName" : "UpgradeStatus",
  "c2jShape" : "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeStatusAsString(String)}. \n@param upgradeStatus a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #upgradeStatus(String)",
  "deprecated" : false,
  "documentation" : "<p> The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "UpgradeStatus",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStatus",
  "fluentEnumSetterMethodName" : "upgradeStatus",
  "fluentGetterMethodName" : "upgradeStatusAsString",
  "fluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param upgradeStatus The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see

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UpgradeStatus",

"fluentSetterMethodName" : "upgradeStatus",

"getterDocumentation" : "<p> The overall status of the update. The status can take one of the following values:
 In Progress Succeeded Succeeded with Issues Failed </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #upgradeStatus } will return { @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #upgradeStatusAsString}.\n</p>\n@return The overall status of the update. The status can take one of the following values: In Progress Succeeded Succeeded with Issues Failed \n@see UpgradeStatus",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

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"additionalUnmarshallingPath" : null,

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"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

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"marshallLocationName" : "UpgradeStatus",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "UpgradeStatus",

"uri" : false

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"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "UpgradeStatus",

"sensitive" : false,

"setterDocumentation" : "<p> The overall status of the update. The status can take one of the following values:
 In Progress Succeeded Succeeded with Issues Failed </p>\n@param upgradeStatus The overall status of the update. The status can take one of the following values: In Progress Succeeded Succeeded with Issues Failed \n@see UpgradeStatus",

"setterMethodName" : "setUpgradeStatus",

"setterModel" : {

"variableDeclarationType" : "String",

"variableName" : "upgradeStatus",

"variableType" : "String",

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    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStatus",
    "variableType" : "String",
    "documentation" : "<p> The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStepsList",
  "beanStyleSetterMethodName" : "setStepsList",
  "c2jName" : "StepsList",
  "c2jShape" : "UpgradeStepsList",
  "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s
representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check.
</p>\nThis is a convenience that creates an instance of the { @link List<UpgradeStepItem>.Builder} avoiding the
need to create one manually via { @link List<UpgradeStepItem>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<UpgradeStepItem>.Builder#build()} is called immediately and its result is passed to { @link
#stepsList(List<UpgradeStepItem>)}. \n@param stepsList a consumer that will call methods on { @link
List<UpgradeStepItem>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #stepsList(List<UpgradeStepItem>)",
  "deprecated" : false,
  "documentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about
each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>",
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  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "stepsList",
  "fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing
information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n@param
stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed
as pard of a specific Upgrade or Upgrade Eligibility Check. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "stepsList",
  "getterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information
about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return A

```

list of `<a>UpgradeStepItem` s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.",

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"getterModel" : {
  "returnType" : "java.util.List<UpgradeStepItem>",
  "documentation" : null
},
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StepsList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StepsList",
  "uri" : false
},
"idempotencyToken" : false,
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"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "UpgradeStepItem",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link UpgradeStepItem.Builder} avoiding the need
to create one manually via { @link UpgradeStepItem#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link UpgradeStepItem.Builder#build()} is called immediately and its result is passed to { @link
#member(UpgradeStepItem)}. \n@param member a consumer that will call methods on { @link
UpgradeStepItem.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(UpgradeStepItem)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
```

```

    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
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      "documentation" : null
    },
    "http" : {
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      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "member",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "member",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
      "variableDeclarationType" : "UpgradeStepItem",
      "variableName" : "member",
      "variableType" : "UpgradeStepItem",
      "documentation" : null,
      "simpleType" : "UpgradeStepItem",
      "variableSetterType" : "UpgradeStepItem"
    }

```



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    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "UpgradeStepItem",
        "variableName" : "member",
        "variableType" : "UpgradeStepItem",
        "documentation" : "",
        "simpleType" : "UpgradeStepItem",
        "variableSetterType" : "UpgradeStepItem"
    },
    "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeStepItem",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeStepItem",
"templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
"templateType" : "java.util.List<UpgradeStepItem>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StepsList",
"sensitive" : false,
"setterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n@param stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check.",
"setterMethodName" : "setStepsList",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
    "variableName" : "stepsList",
    "variableType" : "java.util.List<UpgradeStepItem>",
    "documentation" : null,
    "simpleType" : "List<UpgradeStepItem>",
    "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
    "variableName" : "stepsList",
    "variableType" : "java.util.List<UpgradeStepItem>",
    "documentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about

```

each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

```
"simpleType" : "List<UpgradeStepItem>",
"variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "StartTimestamp" : {
    "beanStyleGetterMethodName" : "getStartTimestamp",
    "beanStyleSetterMethodName" : "setStartTimestamp",
    "c2jName" : "StartTimestamp",
    "c2jShape" : "StartTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was
made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\nThis is a convenience that creates an instance of the { @link
Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link
#startTimestamp(Instant)}. \n@param startTimestamp a consumer that will call methods on { @link
Instant.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#startTimestamp(Instant)",
    "deprecated" : false,
    "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "startTimestamp",
    "fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made
in \"yyyy-MM-ddTHH:mm:ssZ\" format. \n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "startTimestamp",
    "getterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>\n@return UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.",
    "getterModel" : {
      "returnType" : "java.time.Instant",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
```

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    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "StartTimestamp",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "StartTimestamp",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INSTANT",
  "name" : "StartTimestamp",
  "sensitive" : false,
  "setterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
  "setterMethodName" : "setStartTimestamp",
  "setterModel" : {
    "variableDeclarationType" : "java.time.Instant",
    "variableName" : "startTimestamp",
    "variableType" : "java.time.Instant",
    "documentation" : null,
    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.time.Instant",
    "variableName" : "startTimestamp",
    "variableType" : "java.time.Instant",
    "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>",
    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
  },
  "xmlNamespaceUri" : null
},
"StepsList" : {
  "beanStyleGetterMethodName" : "getStepsList",
  "beanStyleSetterMethodName" : "setStepsList",
  "c2jName" : "StepsList",

```

```

    "c2jShape" : "UpgradeStepsList",
    "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s
representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check.
</p>\nThis is a convenience that creates an instance of the { @link List<UpgradeStepItem>.Builder} avoiding the
need to create one manually via { @link List<UpgradeStepItem>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<UpgradeStepItem>.Builder#build()} is called immediately and its result is passed to { @link
#stepsList(List<UpgradeStepItem>)}.\n@param stepsList a consumer that will call methods on { @link
List<UpgradeStepItem>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #stepsList(List<UpgradeStepItem>)",
    "deprecated" : false,
    "documentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about
each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "stepsList",
    "fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing
information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n@param
stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed
as pard of a specific Upgrade or Upgrade Eligibility Check.\n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "stepsList",
    "getterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information
about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return A
list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as pard of a
specific Upgrade or Upgrade Eligibility Check.",
    "getterModel" : {
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        "documentation" : null
    },
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        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "StepsList",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "StepsList",

```

```

    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "UpgradeStepItem",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link UpgradeStepItem.Builder} avoiding the need
to create one manually via { @link UpgradeStepItem#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link UpgradeStepItem.Builder#build()} is called immediately and its result is passed to { @link
#member(UpgradeStepItem)}. \n@param member a consumer that will call methods on { @link
UpgradeStepItem.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(UpgradeStepItem)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "member",
      "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
      "fluentSetterMethodName" : "member",
      "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
      "getterModel" : {
        "returnType" : "UpgradeStepItem",
        "documentation" : null
      }
    },
  },
  "http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,

```

```

"location" : null,
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"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
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  "variableName" : "member",
  "variableType" : "UpgradeStepItem",
  "documentation" : null,
  "simpleType" : "UpgradeStepItem",
  "variableSetterType" : "UpgradeStepItem"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "UpgradeStepItem",
  "variableName" : "member",
  "variableType" : "UpgradeStepItem",
  "documentation" : "",
  "simpleType" : "UpgradeStepItem",
  "variableSetterType" : "UpgradeStepItem"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeStepItem",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeStepItem",

```

```

    "templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
    "templateType" : "java.util.List<UpgradeStepItem>"
  },
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "LIST",
  "name" : "StepsList",
  "sensitive" : false,
  "setterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n@param stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check.",
  "setterMethodName" : "setStepsList",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
    "variableName" : "stepsList",
    "variableType" : "java.util.List<UpgradeStepItem>",
    "documentation" : null,
    "simpleType" : "List<UpgradeStepItem>",
    "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
    "variableName" : "stepsList",
    "variableType" : "java.util.List<UpgradeStepItem>",
    "documentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>",
    "simpleType" : "List<UpgradeStepItem>",
    "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
  },
  "xmlNamespaceUri" : null
},
"UpgradeName" : {
  "beanStyleGetterMethodName" : "getUpgradeName",
  "beanStyleSetterMethodName" : "setUpgradeName",
  "c2jName" : "UpgradeName",
  "c2jShape" : "UpgradeName",
  "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #upgradeName(String)",
  "deprecated" : false,
  "documentation" : "<p>A string that describes the update briefly</p>",
  "endpointDiscoveryId" : false,

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "upgradeName",
"getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes
the update briefly",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"sensitive" : false,
"setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",

```



```

    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeName",
    "variableType" : "String",
    "documentation" : "<p>A string that describes the update briefly</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"UpgradeStatus" : {
  "beanStyleGetterMethodName" : "getUpgradeStatusAsString",
  "beanStyleSetterMethodName" : "setUpgradeStatus",
  "c2jName" : "UpgradeStatus",
  "c2jShape" : "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> The overall status of the update. The status can take one
of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li>
<li>Failed</li> </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#upgradeStatusAsString(String)}. \n@param upgradeStatus a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#upgradeStatus(String)",
  "deprecated" : false,
  "documentation" : "<p> The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "UpgradeStatus",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStatus",
  "fluentEnumSetterMethodName" : "upgradeStatus",
  "fluentGetterMethodName" : "upgradeStatusAsString",
  "fluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following
values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>
</p>\n@param upgradeStatus The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see
UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see
UpgradeStatus",
  "fluentSetterMethodName" : "upgradeStatus",
  "getterDocumentation" : "<p> The overall status of the update. The status can take one of the following values:

```

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

If the service returns an enum value that is not available in the current SDK version, { @link #upgradeStatus } will return { @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from { @link #upgradeStatusAsString }.

@return The overall status of the update. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

@see UpgradeStatus",

```

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStatus",
"sensitive" : false,

```

"setterDocumentation" : "

The overall status of the update. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

@param upgradeStatus The overall status of the update. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

@see UpgradeStatus",

```

"setterMethodName" : "setUpgradeStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"

```

```

    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "upgradeStatus",
        "variableType" : "String",
        "documentation" : "<p> The overall status of the update. The status can take one of the following values:
<ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getUpgradeName",
    "beanStyleSetterMethodName" : "setUpgradeName",
    "c2jName" : "UpgradeName",
    "c2jShape" : "UpgradeName",
    "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #upgradeName(String)",
    "deprecated" : false,
    "documentation" : "<p>A string that describes the update briefly</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "upgradeName",
    "fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "upgradeName",
    "getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes the
update briefly",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,

```

```

    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeName",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "UpgradeName",
  "sensitive" : false,
  "setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
  "setterMethodName" : "setUpgradeName",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeName",
    "variableType" : "String",
    "documentation" : "<p>A string that describes the update briefly</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStartTimestamp",
  "beanStyleSetterMethodName" : "setStartTimestamp",

```

```

    "c2jName" : "StartTimestamp",
    "c2jShape" : "StartTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made
in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\nThis is a convenience that creates an instance of the { @link
Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link
#startTimestamp(Instant)}. \n@param startTimestamp a consumer that will call methods on { @link
Instant.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#startTimestamp(Instant)",
    "deprecated" : false,
    "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "startTimestamp",
    "fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made
in \"yyyy-MM-ddTHH:mm:ssZ\" format. \n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "startTimestamp",
    "getterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>\n@return UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.",
    "getterModel" : {
        "returnType" : "java.time.Instant",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "StartTimestamp",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "StartTimestamp",
        "uri" : false
    },
    "idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTimestamp",
"sensitive" : false,
"setterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
"setterMethodName" : "setStartTimestamp",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTimestamp",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTimestamp",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpgradeStatusAsString",
  "beanStyleSetterMethodName" : "setUpgradeStatus",
  "c2jName" : "UpgradeStatus",
  "c2jShape" : "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeStatusAsString(String)}. \n@param upgradeStatus a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #upgradeStatus(String)",
  "deprecated" : false,
  "documentation" : "<p> The overall status of the update. The status can take one of the following values: <ul>

```

```

<li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "UpgradeStatus",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStatus",
  "fluentEnumSetterMethodName" : "upgradeStatus",
  "fluentGetterMethodName" : "upgradeStatusAsString",
  "fluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following
values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>
</p>\n@param upgradeStatus The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see
UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see
UpgradeStatus",
  "fluentSetterMethodName" : "upgradeStatus",
  "getterDocumentation" : "<p> The overall status of the update. The status can take one of the following values:
<ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n<p>\nIf
the service returns an enum value that is not available in the current SDK version, {@link #upgradeStatus} will
return {@link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is
available from {@link #upgradeStatusAsString}.\n</p>\n@return The overall status of the update. The status can
take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li>
<li>Failed</li> </ul>\n@see UpgradeStatus",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeStatus",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeStatus",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,

```

```

"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStatus",
"sensitive" : false,
"setterDocumentation" : "<p> The overall status of the update. The status can take one of the following values:
<ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param
upgradeStatus The overall status of the update. The status can take one of the following values: <ul> <li>In
Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus",
"setterMethodName" : "setUpgradeStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStatus",
  "variableType" : "String",
  "documentation" : "<p> The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStepsList",
  "beanStyleSetterMethodName" : "setStepsList",
  "c2jName" : "StepsList",
  "c2jShape" : "UpgradeStepsList",
  "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s
representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.
</p>\nThis is a convenience that creates an instance of the { @link List<UpgradeStepItem>.Builder} avoiding the
need to create one manually via { @link List<UpgradeStepItem>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<UpgradeStepItem>.Builder#build()} is called immediately and its result is passed to { @link
#stepsList(List<UpgradeStepItem>)}.\n@param stepsList a consumer that will call methods on { @link
List<UpgradeStepItem>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #stepsList(List<UpgradeStepItem>)",
  "deprecated" : false,
  "documentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about
each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,

```



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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "stepsList",
"fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing
information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n@param
stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed
as pard of a specific Upgrade or Upgrade Eligibility Check.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "stepsList",
"getterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information
about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return A
list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as pard of a
specific Upgrade or Upgrade Eligibility Check.",
"getterModel" : {
  "returnType" : "java.util.List<UpgradeStepItem>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StepsList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StepsList",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "UpgradeStepItem",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this

```

object.
This is a convenience that creates an instance of the `{ @link UpgradeStepItem.Builder }` avoiding the need to create one manually via `{ @link UpgradeStepItem#builder() }`.
When the `{ @link Consumer }` completes, `{ @link UpgradeStepItem.Builder#build() }` is called immediately and its result is passed to `{ @link #member(UpgradeStepItem) }`.
@param member a consumer that will call methods on `{ @link UpgradeStepItem.Builder }`
@return Returns a reference to this object so that method calls can be chained together.
@see #member(UpgradeStepItem)",

```
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.  
The new value for the Member property for this object.  
@param member The new value for the Member property for this object.  
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.  
@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "UpgradeStepItem",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
```

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"marshallingType" : "SDK_POJO",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "UpgradeStepItem",
  "variableName" : "member",
  "variableType" : "UpgradeStepItem",
  "documentation" : null,
  "simpleType" : "UpgradeStepItem",
  "variableSetterType" : "UpgradeStepItem"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "UpgradeStepItem",
  "variableName" : "member",
  "variableType" : "UpgradeStepItem",
  "documentation" : "",
  "simpleType" : "UpgradeStepItem",
  "variableSetterType" : "UpgradeStepItem"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeStepItem",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeStepItem",
"templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
"templateType" : "java.util.List<UpgradeStepItem>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StepsList",
"sensitive" : false,
"setterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information
about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n\n@param stepsList A
list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as pard of a
specific Upgrade or Upgrade Eligibility Check.",
"setterMethodName" : "setStepsList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<UpgradeStepItem>",

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    "variableName" : "stepsList",
    "variableType" : "java.util.List<UpgradeStepItem>",
    "documentation" : null,
    "simpleType" : "List<UpgradeStepItem>",
    "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
    "variableName" : "stepsList",
    "variableType" : "java.util.List<UpgradeStepItem>",
    "documentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about
each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>",
    "simpleType" : "List<UpgradeStepItem>",
    "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
  },
  "xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeHistory",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "UpgradeHistory",
  "variableName" : "upgradeHistory",
  "variableType" : "UpgradeHistory",
  "documentation" : null,
  "simpleType" : "UpgradeHistory",
  "variableSetterType" : "UpgradeHistory"
},
"wrapper" : false
},
"UpgradeStatus" : {
  "c2jName" : "UpgradeStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,

```

```

"documentation" : "",
"endpointDiscovery" : null,
"enums" : [ {
  "name" : "IN_PROGRESS",
  "value" : "IN_PROGRESS"
}, {
  "name" : "SUCCEEDED",
  "value" : "SUCCEEDED"
}, {
  "name" : "SUCCEEDED_WITH_ISSUES",
  "value" : "SUCCEEDED_WITH_ISSUES"
}, {
  "name" : "FAILED",
  "value" : "FAILED"
} ],
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "UpgradeStatus",
  "variableName" : "upgradeStatus",
  "variableType" : "UpgradeStatus",
  "documentation" : null,
  "simpleType" : "UpgradeStatus",
  "variableSetterType" : "UpgradeStatus"
},
"wrapper" : false
},
"UpgradeStep" : {

```

```

"c2jName" : "UpgradeStep",
"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "",
"endpointDiscovery" : null,
"enums" : [ {
  "name" : "PRE_UPGRADE_CHECK",
  "value" : "PRE_UPGRADE_CHECK"
}, {
  "name" : "SNAPSHOT",
  "value" : "SNAPSHOT"
}, {
  "name" : "UPGRADE",
  "value" : "UPGRADE"
} ],
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeStep",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "UpgradeStep",
  "variableName" : "upgradeStep",
  "variableType" : "UpgradeStep",
  "documentation" : null,

```

```

    "simpleType" : "UpgradeStep",
    "variableSetterType" : "UpgradeStep"
  },
  "wrapper" : false
},
"UpgradeStepItem" : {
  "c2jName" : "UpgradeStepItem",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Represents a single step of the Upgrade or Upgrade Eligibility Check workflow.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getUpgradeStepAsString",
    "beanStyleSetterMethodName" : "setUpgradeStep",
    "c2jName" : "UpgradeStep",
    "c2jShape" : "UpgradeStep",
    "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #upgradeStep(String)",
    "deprecated" : false,
    "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
    "endpointDiscoveryId" : false,
    "enumType" : "UpgradeStep",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "upgradeStep",

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```

    "fluentEnumSetterMethodName" : "upgradeStep",
    "fluentGetterMethodName" : "upgradeStepAsString",
    "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param
upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep\n@return Returns a
reference to this object so that method calls can be chained together.\n@see UpgradeStep",
    "fluentSetterMethodName" : "upgradeStep",
    "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #upgradeStep} will return { @link
UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#upgradeStepAsString}.\n</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "UpgradeStep",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "UpgradeStep",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "UpgradeStep",
    "sensitive" : false,
    "setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep",

```



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"setterMethodName" : "setUpgradeStep",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStep",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStep",
  "variableType" : "String",
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
<ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpgradeStepStatusAsString",
  "beanStyleSetterMethodName" : "setUpgradeStepStatus",
  "c2jName" : "UpgradeStepStatus",
  "c2jShape" : "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The
status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with
Issues</li> <li>Failed</li> </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#upgradeStepStatusAsString(String)}. \n@param upgradeStepStatus a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#upgradeStepStatus(String)",
  "deprecated" : false,
  "documentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li>
</ul> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "UpgradeStatus",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStepStatus",
  "fluentEnumSetterMethodName" : "upgradeStepStatus",
  "fluentGetterMethodName" : "upgradeStepStatusAsString",
  "fluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of
the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li>
</ul> </p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of

```

the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

\n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStatus",

"fluentSetterMethodName" : "upgradeStepStatus",

"getterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #upgradeStepStatus } will return { @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from { @link #upgradeStepStatusAsString }. \n</p>\n@return The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

\n@see UpgradeStatus",

"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStepStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStepStatus",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStepStatus",
"sensitive" : false,
"setterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

</p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

\n@see UpgradeStatus",

"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStepStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStepStatus",
 "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "UpgradeStepStatus",

"sensitive" : false,

"setterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

</p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

\n@see UpgradeStatus",

"setterMethodName" : "setUpgradeStepStatus",

"setterModel" : {

```

    "variableDeclarationType" : "String",
    "variableName" : "upgradeStepStatus",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStepStatus",
    "variableType" : "String",
    "documentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li>
</ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getIssues",
  "beanStyleSetterMethodName" : "setIssues",
  "c2jName" : "Issues",
  "c2jShape" : "Issues",
  "defaultConsumerFluentSetterDocumentation" : "<p>A list of strings containing detailed information about the
errors encountered in a particular step.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #issues(List<String>)}. \n@param issues a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #issues(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "issues",
  "fluentSetterDocumentation" : "<p>A list of strings containing detailed information about the errors
encountered in a particular step.</p>\n@param issues A list of strings containing detailed information about the
errors encountered in a particular step.\n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "issues",
  "getterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a

```

particular step.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return A list of strings containing detailed information about the errors encountered in a particular step.",

```
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
```

```
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Issues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Issues",
  "uri" : false
},
```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
```

```
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Issue",
```

```
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n\n@param member a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(String)",
```

```
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
```

```

    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    }

```

```

    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "Issues",
"sensitive" : false,
"setterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>\n@param issues A list of strings containing detailed information about the errors encountered in a particular step.",
"setterMethodName" : "setIssues",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "issues",
    "variableType" : "java.util.List<String>",
    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "issues",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>",

```

```

    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getProgressPercent",
  "beanStyleSetterMethodName" : "setProgressPercent",
  "c2jName" : "ProgressPercent",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link #progressPercent(Double)}. \n@param progressPercent a consumer that will call methods on { @link Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #progressPercent(Double)",
  "deprecated" : false,
  "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "progressPercent",
  "fluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular step. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "progressPercent",
  "getterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>\n@return The Floating point value representing progress percentage of a particular step.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ProgressPercent",
    "queryString" : false,
    "statusCode" : false,

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```

    "unmarshallLocationName" : "ProgressPercent",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "DOUBLE",
  "name" : "ProgressPercent",
  "sensitive" : false,
  "setterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular step.",
  "setterMethodName" : "setProgressPercent",
  "setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "progressPercent",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "progressPercent",
    "variableType" : "Double",
    "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "Issues" : {
    "beanStyleGetterMethodName" : "getIssues",
    "beanStyleSetterMethodName" : "setIssues",
    "c2jName" : "Issues",
    "c2jShape" : "Issues",
    "defaultConsumerFluentSetterDocumentation" : "<p>A list of strings containing detailed information about
the errors encountered in a particular step.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #issues(List<String>)}. \n@param issues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained

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together.\n@see #issues(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "issues",
  "fluentSetterDocumentation" : "<p>A list of strings containing detailed information about the errors
encountered in a particular step.</p>\n@param issues A list of strings containing detailed information about the
errors encountered in a particular step.\n@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName" : "issues",
  "getterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return A list of strings containing detailed information about the errors
encountered in a particular step.",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Issues",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Issues",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {

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"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "Issue",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "Issues",
"sensitive" : false,
"setterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>\n\n@param issues A list of strings containing detailed information about the errors encountered in
a particular step.",

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"setterMethodName" : "setIssues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "issues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "issues",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
},
"ProgressPercent" : {
  "beanStyleGetterMethodName" : "getProgressPercent",
  "beanStyleSetterMethodName" : "setProgressPercent",
  "c2jName" : "ProgressPercent",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress
percentage of a particular step.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder}
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#progressPercent(Double)}. \n@param progressPercent a consumer that will call methods on { @link
Double.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#progressPercent(Double)",
  "deprecated" : false,
  "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "progressPercent",
  "fluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular
step.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "progressPercent",
  "getterDocumentation" : "<p>The Floating point value representing progress percentage of a particular

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step.<p>\n@return The Floating point value representing progress percentage of a particular step.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ProgressPercent",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ProgressPercent",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "DOUBLE",
  "name" : "ProgressPercent",
  "sensitive" : false,
  "setterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular step.",
  "setterMethodName" : "setProgressPercent",
  "setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "progressPercent",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "progressPercent",
    "variableType" : "Double",

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    "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
},
"UpgradeStep" : {
  "beanStyleGetterMethodName" : "getUpgradeStepAsString",
  "beanStyleSetterMethodName" : "setUpgradeStep",
  "c2jName" : "UpgradeStep",
  "c2jShape" : "UpgradeStep",
  "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #upgradeStep(String)",
    "deprecated" : false,
    "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
    "endpointDiscoveryId" : false,
    "enumType" : "UpgradeStep",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "upgradeStep",
    "fluentEnumSetterMethodName" : "upgradeStep",
    "fluentGetterMethodName" : "upgradeStepAsString",
    "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStep",
    "fluentSetterMethodName" : "upgradeStep",
    "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #upgradeStep} will return { @link UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #upgradeStepAsString}. \n</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeStep",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeStep",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "UpgradeStep",
  "sensitive" : false,
  "setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep",
  "setterMethodName" : "setUpgradeStep",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStep",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStep",
    "variableType" : "String",
    "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},

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"UpgradeStepStatus" : {
  "beanStyleGetterMethodName" : "getUpgradeStepStatusAsString",
  "beanStyleSetterMethodName" : "setUpgradeStepStatus",
  "c2jName" : "UpgradeStepStatus",
  "c2jShape" : "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The
status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with
Issues</li> <li>Failed</li> </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#upgradeStepStatusAsString(String)}. \n@param upgradeStepStatus a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#upgradeStepStatus(String)",
  "deprecated" : false,
  "documentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li>
</ul> </p>",
  "endpointDiscoveryId" : false,
  "enumType" : "UpgradeStatus",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStepStatus",
  "fluentEnumSetterMethodName" : "upgradeStepStatus",
  "fluentGetterMethodName" : "upgradeStepStatusAsString",
  "fluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one
of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li>
<li>Failed</li> </ul> </p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status
can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li>
<li>Failed</li> </ul> \n@see UpgradeStatus \n@return Returns a reference to this object so that method calls can be
chained together. \n@see UpgradeStatus",
  "fluentSetterMethodName" : "upgradeStepStatus",
  "getterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li>
</ul> </p>\n<p> \nIf the service returns an enum value that is not available in the current SDK version, { @link
#upgradeStepStatus} will return { @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value
returned by the service is available from { @link #upgradeStepStatusAsString}. \n</p> \n@return The status of a
particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li>
<li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> \n@see UpgradeStatus",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,

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    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeStepStatus",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeStepStatus",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "UpgradeStepStatus",
  "sensitive" : false,
  "setterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus",
  "setterMethodName" : "setUpgradeStepStatus",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStepStatus",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStepStatus",
    "variableType" : "String",
    "documentation" : "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}

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    },
    "nonStreamingMembers" : [ {
        "beanStyleGetterMethodName" : "getUpgradeStepAsString",
        "beanStyleSetterMethodName" : "setUpgradeStep",
        "c2jName" : "UpgradeStep",
        "c2jShape" : "UpgradeStep",
        "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #upgradeStep(String)",
        "deprecated" : false,
        "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
        "endpointDiscoveryId" : false,
        "enumType" : "UpgradeStep",
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : "upgradeStep",
        "fluentEnumSetterMethodName" : "upgradeStep",
        "fluentGetterMethodName" : "upgradeStepAsString",
        "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStep",
        "fluentSetterMethodName" : "upgradeStep",
        "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #upgradeStep} will return { @link UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #upgradeStepAsString}. \n</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep",
        "getterModel" : {
            "returnType" : "String",
            "documentation" : null
        },
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
    }
}

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    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeStep",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeStep",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "UpgradeStep",
  "sensitive" : false,
  "setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep",
  "setterMethodName" : "setUpgradeStep",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStep",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStep",
    "variableType" : "String",
    "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
<ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUpgradeStepStatusAsString",
  "beanStyleSetterMethodName" : "setUpgradeStepStatus",
  "c2jName" : "UpgradeStepStatus",
  "c2jShape" : "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The

```

status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

This is a convenience that creates an instance of the `{ @link String.Builder}` avoiding the need to create one manually via `{ @link String.Builder}`.
When the `{ @link Consumer}` completes, `{ @link String.Builder}` is called immediately and its result is passed to `{ @link #upgradeStepStatusAsString(String)}`.
@param upgradeStepStatus a consumer that will call methods on `{ @link String.Builder}`
@return Returns a reference to this object so that method calls can be chained together.
@see `#upgradeStepStatus(String)`,

"deprecated" : false,

"documentation" : "

The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

",

"endpointDiscoveryId" : false,

"enumType" : "UpgradeStatus",

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : "upgradeStepStatus",

"fluentEnumSetterMethodName" : "upgradeStepStatus",

"fluentGetterMethodName" : "upgradeStepStatusAsString",

"fluentSetterDocumentation" : "

The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

@see UpgradeStatus
@return Returns a reference to this object so that method calls can be chained together.
@see UpgradeStatus",

"fluentSetterMethodName" : "upgradeStepStatus",

"getterDocumentation" : "

The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

If the service returns an enum value that is not available in the current SDK version, `{ @link #upgradeStepStatus}` will return `{ @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}`. The raw value returned by the service is available from `{ @link #upgradeStepStatusAsString}`.

@return The status of a particular step during an upgrade. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

@see UpgradeStatus",

"getterModel" : {
 "returnType" : "String",
 "documentation" : null

},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStepStatus",
 "queryString" : false,

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    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeStepStatus",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "UpgradeStepStatus",
  "sensitive" : false,
  "setterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li>
</ul> </p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of
the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li>
</ul>\n@see UpgradeStatus",
  "setterMethodName" : "setUpgradeStepStatus",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStepStatus",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStepStatus",
    "variableType" : "String",
    "documentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li>
</ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getIssues",
  "beanStyleSetterMethodName" : "setIssues",
  "c2jName" : "Issues",
  "c2jShape" : "Issues",
  "defaultConsumerFluentSetterDocumentation" : "<p>A list of strings containing detailed information about the
errors encountered in a particular step.</p>\nThis is a convenience that creates an instance of the { @link

```

List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}.
When the {@link Consumer} completes, {@link List<String>.Builder#build()} is called immediately and its result is passed to {@link #issues(List<String>)}.
@param issues a consumer that will call methods on {@link List<String>.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #issues(List<String>)",

"deprecated" : false,

"documentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "issues",

"fluentSetterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>
@param issues A list of strings containing detailed information about the errors encountered in a particular step.
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "issues",

"getterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>
<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>
@return A list of strings containing detailed information about the errors encountered in a particular step.",

"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null

},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Issues",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Issues",
"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

```

"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Issue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "member",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "member",
      "uri" : false
    }
  }
}

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    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "Issues",

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"sensitive" : false,
"setterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>\n@param issues A list of strings containing detailed information about the errors encountered in
a particular step.",
"setterMethodName" : "setIssues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "issues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "issues",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getProgressPercent",
  "beanStyleSetterMethodName" : "setProgressPercent",
  "c2jName" : "ProgressPercent",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress percentage
of a particular step.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder} avoiding the
need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Double.Builder#build()} is called immediately and its result is passed to { @link
#progressPercent(Double)}. \n@param progressPercent a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#progressPercent(Double)",
  "deprecated" : false,
  "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "progressPercent",
  "fluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular

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step.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "progressPercent",
  "getterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@return The Floating point value representing progress percentage of a particular step.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ProgressPercent",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ProgressPercent",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "DOUBLE",
  "name" : "ProgressPercent",
  "sensitive" : false,
  "setterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular step.",
  "setterMethodName" : "setProgressPercent",
  "setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "progressPercent",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {

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    "variableDeclarationType" : "Double",
    "variableName" : "progressPercent",
    "variableType" : "Double",
    "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "UpgradeStepItem",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "UpgradeStepItem",
  "variableName" : "upgradeStepItem",
  "variableType" : "UpgradeStepItem",
  "documentation" : null,
  "simpleType" : "UpgradeStepItem",
  "variableSetterType" : "UpgradeStepItem"
},
"wrapper" : false
},
"VPCDerivedInfo" : {
  "c2jName" : "VPCDerivedInfo",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\"> VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,

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"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getVpcId",
  "beanStyleSetterMethodName" : "setVpcId",
  "c2jName" : "VPCId",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if
the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#vpcId(String)}. \n@param vpcId a consumer that will call methods on { @link String.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #vpcId(String)",
  "deprecated" : false,
  "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with
VPCOptions.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "vpcId",
  "fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain
was created with VPCOptions. \n@return Returns a reference to this object so that method calls can be chained
together.",
  "fluentSetterMethodName" : "vpcId",
  "getterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.</p>\n@return The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",

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    "marshallLocationName" : "VPCId",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "VPCId",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "VPCId",
  "sensitive" : false,
  "setterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",
  "setterMethodName" : "setVpcId",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "vpcId",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "vpcId",
    "variableType" : "String",
    "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSubnetIds",
  "beanStyleSetterMethodName" : "setSubnetIds",
  "c2jName" : "SubnetIds",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder } avoiding the need to create one manually via { @link List<String>#builder() }. \n\nWhen the { @link Consumer } completes, { @link

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List<String>.Builder#build() is called immediately and its result is passed to { @link #subnetIds(List<String>)}.\n@param subnetIds a consumer that will call methods on { @link List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #subnetIds(List<String>)",

```
"deprecated" : false,  
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",  
"endpointDiscoveryId" : false,  
"enumType" : null,  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : null,  
"fluentEnumSetterMethodName" : null,  
"fluentGetterMethodName" : "subnetIds",  
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the subnets for VPC endpoint.\n@return Returns a reference to this object so that method calls can be chained together.",
```

```
"fluentSetterMethodName" : "subnetIds",  
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies the subnets for VPC endpoint.",
```

```
"getterModel" : {  
  "returnType" : "java.util.List<String>",  
  "documentation" : null
```

```
},  
"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "SubnetIds",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "SubnetIds",  
  "uri" : false
```

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},  
"idempotencyToken" : false,  
"isBinary" : false,  
"jsonValue" : false,  
"list" : true,  
"listModel" : {  
  "implType" : "java.util.ArrayList",  
  "interfaceType" : "java.util.List",  
  "listMemberModel" : {
```

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"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n\n@param subnetIds Specifies the
subnets for VPC endpoint.",
"setterMethodName" : "setSubnetIds",

```



```

"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAvailabilityZones",
  "beanStyleSetterMethodName" : "setAvailabilityZones",
  "c2jName" : "AvailabilityZones",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #availabilityZones(List<String>)}. \n@param availabilityZones a consumer that will call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #availabilityZones(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "availabilityZones",
  "fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "availabilityZones",
  "getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an

```

UnsupportedOperationException.\n</p>\n@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",

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"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AvailabilityZones",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AvailabilityZones",
  "uri" : false
},
```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
```

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #member(String)",

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"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
```

```

    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },

```

```

"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AvailabilityZones",
"sensitive" : false,
"setterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch domain.
Exists only if the domain was created with VPCOptions.",
"setterMethodName" : "setAvailabilityZones",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>",
  "simpleType" : "List<String>",

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    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSecurityGroupIds",
  "beanStyleSetterMethodName" : "setSecurityGroupIds",
  "c2jName" : "SecurityGroupIds",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder } avoiding the need
to create one manually via { @link List<String>#builder() }. \n\nWhen the { @link Consumer } completes, { @link
List<String>.Builder#build() } is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}.\n@param securityGroupIds a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #securityGroupIds(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "securityGroupIds",
  "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param
securityGroupIds Specifies the security groups for VPC endpoint.\n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "securityGroupIds",
  "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies
the security groups for VPC endpoint.",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "SecurityGroupIds",
    "queryString" : false,
    "statusCode" : false,

```

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    "unmarshallLocationName" : "SecurityGroupIds",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "String",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "member",
      "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
      "fluentSetterMethodName" : "member",
      "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
      "getterModel" : {
        "returnType" : "String",
        "documentation" : null
      }
    },
    "http" : {
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      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",

```

```

    "templateImplType" : "java.util.ArrayList<String>",
    "templateType" : "java.util.List<String>"
  },
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "LIST",
  "name" : "SecurityGroupIds",
  "sensitive" : false,
  "setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
  "setterMethodName" : "setSecurityGroupIds",
  "setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "securityGroupIds",
    "variableType" : "java.util.List<String>",
    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "securityGroupIds",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  },
  "xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "AvailabilityZones" : {
    "beanStyleGetterMethodName" : "getAvailabilityZones",
    "beanStyleSetterMethodName" : "setAvailabilityZones",
    "c2jName" : "AvailabilityZones",
    "c2jShape" : "StringList",
    "defaultConsumerFluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain.
Exists only if the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the
{@link List<String>.Builder} avoiding the need to create one manually via {@link
List<String>#builder()}.
\n\nWhen the {@link Consumer} completes, {@link List<String>.Builder#build()} is
called immediately and its result is passed to {@link #availabilityZones(List<String>)}.\n@param availabilityZones
a consumer that will call methods on {@link List<String>.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #availabilityZones(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>",
    "endpointDiscoveryId" : false,

```



```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the
domain was created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch
domain. Exists only if the domain was created with VPCOptions.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "availabilityZones",
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain
was created with VPCOptions.</p>\n<p>\nAttempts to modify the collection returned by this method will result in
an UnsupportedOperationException.\n</p>\n@return The availability zones for the Elasticsearch domain. Exists
only if the domain was created with VPCOptions.",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AvailabilityZones",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AvailabilityZones",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this

```

object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n\n@param member a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(String)",

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"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object. \n\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
```

```

    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AvailabilityZones",
"sensitive" : false,
"setterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain
was created with VPCOptions.</p>\n\n@param availabilityZones The availability zones for the Elasticsearch domain.
Exists only if the domain was created with VPCOptions.",
"setterMethodName" : "setAvailabilityZones",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "availabilityZones",
    "variableType" : "java.util.List<String>",

```

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    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "availabilityZones",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNamespaceUri" : null
},
"SecurityGroupIds" : {
  "beanStyleGetterMethodName" : "getSecurityGroupIds",
  "beanStyleSetterMethodName" : "setSecurityGroupIds",
  "c2jName" : "SecurityGroupIds",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need
to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}. \n@param securityGroupIds a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #securityGroupIds(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "securityGroupIds",
  "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param
securityGroupIds Specifies the security groups for VPC endpoint. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "securityGroupIds",
  "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return Specifies
the security groups for VPC endpoint.",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  }
}

```

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},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SecurityGroupIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SecurityGroupIds",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",

```

```

"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",

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    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "securityGroupIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "securityGroupIds",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
},
"SubnetIds" : {
  "beanStyleGetterMethodName" : "getSubnetIds",
  "beanStyleSetterMethodName" : "setSubnetIds",

```

```

    "c2jName" : "SubnetIds",
    "c2jShape" : "StringList",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a
convenience that creates an instance of the { @link List<String>.Builder } avoiding the need to create one manually
via { @link List<String>#builder() }. \n\nWhen the { @link Consumer } completes, { @link
List<String>.Builder#build() } is called immediately and its result is passed to { @link
#subnetIds(List<String>). \n@param subnetIds a consumer that will call methods on { @link
List<String>.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #subnetIds(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "subnetIds",
    "fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds
Specifies the subnets for VPC endpoint. \n@return Returns a reference to this object so that method calls can be
chained together.",
    "fluentSetterMethodName" : "subnetIds",
    "getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return Specifies the
subnets for VPC endpoint.",
    "getterModel" : {
        "returnType" : "java.util.List<String>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "SubnetIds",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "SubnetIds",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,

```



```

"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",

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    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",

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    "name" : "SubnetIds",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the
subnets for VPC endpoint.",
    "setterMethodName" : "setSubnetIds",
    "setterModel" : {
        "variableDeclarationType" : "java.util.List<String>",
        "variableName" : "subnetIds",
        "variableType" : "java.util.List<String>",
        "documentation" : null,
        "simpleType" : "List<String>",
        "variableSetterType" : "java.util.Collection<String>"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "java.util.List<String>",
        "variableName" : "subnetIds",
        "variableType" : "java.util.List<String>",
        "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
        "simpleType" : "List<String>",
        "variableSetterType" : "java.util.Collection<String>"
    },
    "xmlNamespaceUri" : null
},
"VPCId" : {
    "beanStyleGetterMethodName" : "getVpcId",
    "beanStyleSetterMethodName" : "setVpcId",
    "c2jName" : "VPCId",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if
the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#vpcId(String)}. \n@param vpcId a consumer that will call methods on { @link String.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #vpcId(String)",
    "deprecated" : false,
    "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with
VPCOptions.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "vpcId",
    "fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain

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was created with VPCOptions.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "vpcId",
```

"getterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n@return The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",

```
"getterModel" : {  
  "returnType" : "String",  
  "documentation" : null
```

```
},
```

```
"http" : {
```

```
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "VPCId",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "VPCId",  
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "VPCId",
```

```
"sensitive" : false,
```

"setterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",

```
"setterMethodName" : "setVpcId",
```

```
"setterModel" : {
```

```
  "variableDeclarationType" : "String",  
  "variableName" : "vpcId",  
  "variableType" : "String",  
  "documentation" : null,  
  "simpleType" : "String",  
  "variableSetterType" : "String"
```

```
},
```

```

    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "String",
      "variableName" : "vpcId",
      "variableType" : "String",
      "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with
VPCOptions.</p>",
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
  }
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getVpcId",
  "beanStyleSetterMethodName" : "setVpcId",
  "c2jName" : "VPCId",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if
the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#vpcId(String)}. \n@param vpcId a consumer that will call methods on { @link String.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #vpcId(String)",
  "deprecated" : false,
  "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with
VPCOptions.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "vpcId",
  "fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain
was created with VPCOptions. \n@return Returns a reference to this object so that method calls can be chained
together.",
  "fluentSetterMethodName" : "vpcId",
  "getterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.</p>\n@return The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "VPCId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "VPCId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "VPCId",
"sensitive" : false,
"setterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",
"setterMethodName" : "setVpcId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "vpcId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "vpcId",
  "variableType" : "String",
  "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},

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    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getSubnetIds",
    "beanStyleSetterMethodName" : "setSubnetIds",
    "c2jName" : "SubnetIds",
    "c2jShape" : "StringList",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a
convenience that creates an instance of the { @link List<String>.Builder } avoiding the need to create one manually
via { @link List<String>#builder() }. \n\nWhen the { @link Consumer } completes, { @link
List<String>.Builder#build() } is called immediately and its result is passed to { @link
#subnetIds(List<String>) }. \n@param subnetIds a consumer that will call methods on { @link
List<String>.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #subnetIds(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "subnetIds",
    "fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies
the subnets for VPC endpoint. \n@return Returns a reference to this object so that method calls can be chained
together.",
    "fluentSetterMethodName" : "subnetIds",
    "getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return Specifies the
subnets for VPC endpoint.",
    "getterModel" : {
      "returnType" : "java.util.List<String>",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "SubnetIds",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "SubnetIds",
    "uri" : false
  }
}

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    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,
    "listModel" : {
        "implType" : "java.util.ArrayList",
        "interfaceType" : "java.util.List",
        "listMemberModel" : {
            "beanStyleGetterMethodName" : "getMember",
            "beanStyleSetterMethodName" : "setMember",
            "c2jName" : "member",
            "c2jShape" : "String",
            "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
            "deprecated" : false,
            "documentation" : "",
            "endpointDiscoveryId" : false,
            "enumType" : null,
            "eventHeader" : false,
            "eventPayload" : false,
            "fluentEnumGetterMethodName" : null,
            "fluentEnumSetterMethodName" : null,
            "fluentGetterMethodName" : "member",
            "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
            "fluentSetterMethodName" : "member",
            "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
            "getterModel" : {
                "returnType" : "String",
                "documentation" : null
            }
        },
        "http" : {
            "additionalMarshallingPath" : null,
            "additionalUnmarshallingPath" : null,
            "flattened" : false,
            "greedy" : false,
            "header" : false,
            "isPayload" : false,
            "isStreaming" : false,
            "location" : null,
            "marshallLocation" : "PAYLOAD",

```



```

    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"

```

```

    },
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "LIST",
    "name" : "SubnetIds",
    "sensitive" : false,
    "setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the
subnets for VPC endpoint.",
    "setterMethodName" : "setSubnetIds",
    "setterModel" : {
        "variableDeclarationType" : "java.util.List<String>",
        "variableName" : "subnetIds",
        "variableType" : "java.util.List<String>",
        "documentation" : null,
        "simpleType" : "List<String>",
        "variableSetterType" : "java.util.Collection<String>"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "java.util.List<String>",
        "variableName" : "subnetIds",
        "variableType" : "java.util.List<String>",
        "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
        "simpleType" : "List<String>",
        "variableSetterType" : "java.util.Collection<String>"
    },
    "xmlNamespaceUri" : null
}, {
    "beanStyleGetterMethodName" : "getAvailabilityZones",
    "beanStyleSetterMethodName" : "setAvailabilityZones",
    "c2jName" : "AvailabilityZones",
    "c2jShape" : "StringList",
    "defaultConsumerFluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists
only if the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #availabilityZones(List<String>)}. \n@param availabilityZones a consumer that will call methods on
{ @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #availabilityZones(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,

```

```

"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the
domain was created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch
domain. Exists only if the domain was created with VPCOptions.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "availabilityZones",
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The availability zones for the Elasticsearch domain. Exists only
if the domain was created with VPCOptions.",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AvailabilityZones",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AvailabilityZones",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so

```

that method calls can be chained together.\n@see #member(String)",

```
"deprecated" : false,  
"documentation" : "",  
"endpointDiscoveryId" : false,  
"enumType" : null,  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : null,  
"fluentEnumSetterMethodName" : null,  
"fluentGetterMethodName" : "member",
```

"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",

```
"fluentSetterMethodName" : "member",
```

"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.",

```
"getterModel" : {  
  "returnType" : "String",  
  "documentation" : null
```

```
},
```

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"http" : {  
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  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "member",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "member",  
  "uri" : false
```

```
},
```

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"idempotencyToken" : false,
```

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"isBinary" : false,
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"jsonValue" : false,
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"list" : false,
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"listModel" : null,
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```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "Member",
```

```
"sensitive" : false,
```

"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",

```

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AvailabilityZones",
"sensitive" : false,
"setterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch domain.
Exists only if the domain was created with VPCOptions.",
"setterMethodName" : "setAvailabilityZones",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},

```

```

"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSecurityGroupIds",
  "beanStyleSetterMethodName" : "setSecurityGroupIds",
  "c2jName" : "SecurityGroupIds",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need
to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}.\n@param securityGroupIds a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #securityGroupIds(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "securityGroupIds",
  "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param
securityGroupIds Specifies the security groups for VPC endpoint.\n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "securityGroupIds",
  "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies
the security groups for VPC endpoint.",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,

```

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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SecurityGroupIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SecurityGroupIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  }
}

```

```

},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},

```



```

    "xmlNamespaceUri" : null
  },
  "memberLocationName" : null,
  "memberType" : "String",
  "map" : false,
  "memberAdditionalMarshallingPath" : null,
  "memberAdditionalUnmarshallingPath" : null,
  "simple" : true,
  "simpleType" : "String",
  "templateImplType" : "java.util.ArrayList<String>",
  "templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "securityGroupIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "securityGroupIds",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "VPCDerivedInfo",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
}

```

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},
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "vpcDerivedInfo",
  "variableType" : "VPCDerivedInfo",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"wrapper" : false
},
"VPCDerivedInfoStatus" : {
  "c2jName" : "VPCDerivedInfoStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Status of the VPC options for the specified Elasticsearch domain.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "VPCDerivedInfo",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder} avoiding the need to create one manually via { @link VPCDerivedInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link #options(VPCDerivedInfo)}. \n@param options a consumer that will call methods on { @link VPCDerivedInfo.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #options(VPCDerivedInfo)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",

```

```

"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\n@param options Specifies the VPC options for the specified Elasticsearch domain.\n@return Returns
a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n@return
Specifies the VPC options for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "VPCDerivedInfo",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n@param
options Specifies the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCDerivedInfo",

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```

    "variableName" : "options",
    "variableType" : "VPCDerivedInfo",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "VPCDerivedInfo",
    "variableName" : "options",
    "variableType" : "VPCDerivedInfo",
    "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
  },
  "xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the VPC options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
},

```

```

"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null

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} ],
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "VPCDerivedInfo",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the VPC options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder}
avoiding the need to create one manually via { @link VPCDerivedInfo#builder()}. \n\nWhen the { @link Consumer}
completes, { @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link
#options(VPCDerivedInfo)}. \n@param options a consumer that will call methods on { @link
VPCDerivedInfo.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(VPCDerivedInfo)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\n@param options Specifies the VPC options for the specified Elasticsearch domain.\n@return Returns
a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "options",
    "getterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\n@return Specifies the VPC options for the specified Elasticsearch domain.",
    "getterModel" : {
      "returnType" : "VPCDerivedInfo",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  }
}

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```

    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Options",
    "sensitive" : false,
    "setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\n@param options Specifies the VPC options for the specified Elasticsearch domain.",
    "setterMethodName" : "setOptions",
    "setterModel" : {
        "variableDeclarationType" : "VPCDerivedInfo",
        "variableName" : "options",
        "variableType" : "VPCDerivedInfo",
        "documentation" : null,
        "simpleType" : "VPCDerivedInfo",
        "variableSetterType" : "VPCDerivedInfo"
    },
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "VPCDerivedInfo",
        "variableName" : "options",
        "variableType" : "VPCDerivedInfo",
        "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
        "simpleType" : "VPCDerivedInfo",
        "variableSetterType" : "VPCDerivedInfo"
    },
    "xmlNamespaceUri" : null
},
"Status" : {
    "beanStyleGetterMethodName" : "getStatus",
    "beanStyleSetterMethodName" : "setStatus",
    "c2jName" : "Status",
    "c2jShape" : "OptionStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder }
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer }
completes, { @link OptionStatus.Builder#build() } is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",

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"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the VPC options for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",

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    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "VPCDerivedInfo",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder} avoiding the need to create one manually via { @link VPCDerivedInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link #options(VPCDerivedInfo)}. \n@param options a consumer that will call methods on { @link VPCDerivedInfo.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #options(VPCDerivedInfo)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n@param options Specifies the VPC options for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n@return Specifies the VPC options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "VPCDerivedInfo",

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"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"sensitive" : false,
"setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n@param
options Specifies the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "options",
  "variableType" : "VPCDerivedInfo",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "options",
  "variableType" : "VPCDerivedInfo",
  "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
}

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    },
    "xmlNamespaceUri" : null
  }, {
    "beanStyleGetterMethodName" : "getStatus",
    "beanStyleSetterMethodName" : "setStatus",
    "c2jName" : "Status",
    "c2jShape" : "OptionStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder }
avoiding the need to create one manually via { @link OptionStatus#builder() }. \n\nWhen the { @link Consumer }
completes, { @link OptionStatus.Builder#build() } is called immediately and its result is passed to { @link
#status(OptionStatus) }. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "status",
    "fluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "status",
    "getterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the VPC options for the specified Elasticsearch domain.",
    "getterModel" : {
      "returnType" : "OptionStatus",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  }
}

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    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "Status",
    "sensitive" : false,
    "setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch domain.",
    "setterMethodName" : "setStatus",
    "setterModel" : {
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        "variableName" : "status",
        "variableType" : "OptionStatus",
        "documentation" : null,
        "simpleType" : "OptionStatus",
        "variableSetterType" : "OptionStatus"
    },
    "simple" : false,
    "timestampFormat" : null,
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        "variableDeclarationType" : "OptionStatus",
        "variableName" : "status",
        "variableType" : "OptionStatus",
        "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
        "simpleType" : "OptionStatus",
        "variableSetterType" : "OptionStatus"
    },
    "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "VPCDerivedInfoStatus",
"simpleMethod" : false,
"unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "VPCDerivedInfoStatus",
    "variableName" : "vpcDerivedInfoStatus",
    "variableType" : "VPCDerivedInfoStatus",
    "documentation" : null,

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    "simpleType" : "VPCDerivedInfoStatus",
    "variableSetterType" : "VPCDerivedInfoStatus"
  },
  "wrapper" : false
},
"VPCOptions" : {
  "c2jName" : "VPCOptions",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"_blank\"> VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getSubnetIds",
    "beanStyleSetterMethodName" : "setSubnetIds",
    "c2jName" : "SubnetIds",
    "c2jShape" : "StringList",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #subnetIds(List<String>)}. \n@param subnetIds a consumer that will call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #subnetIds(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies
the subnets for VPC endpoint.\n@return Returns a reference to this object so that method calls can be chained
together.",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies the
subnets for VPC endpoint.",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SubnetIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SubnetIds",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",

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"deprecated" : false,
"documentation" : "",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"sensitive" : false,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",

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"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the
subnets for VPC endpoint.",
"setterMethodName" : "setSubnetIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,

```



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"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSecurityGroupIds",
  "beanStyleSetterMethodName" : "setSecurityGroupIds",
  "c2jName" : "SecurityGroupIds",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need
to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}. \n@param securityGroupIds a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #securityGroupIds(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "securityGroupIds",
  "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param
securityGroupIds Specifies the security groups for VPC endpoint. \n@return Returns a reference to this object so that
method calls can be chained together.",
  "fluentSetterMethodName" : "securityGroupIds",
  "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return Specifies
the security groups for VPC endpoint.",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,

```

```

"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SecurityGroupIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SecurityGroupIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  },
  "http" : {
    "additionalMarshallingPath" : null,

```

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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,

```

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"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "securityGroupIds",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "securityGroupIds",
"variableType" : "java.util.List<String>",
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
"SecurityGroupIds" : {
"beanStyleGetterMethodName" : "getSecurityGroupIds",
"beanStyleSetterMethodName" : "setSecurityGroupIds",
"c2jName" : "SecurityGroupIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need
to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}.\n@param securityGroupIds a consumer that will call methods on { @link

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List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #securityGroupIds(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "securityGroupIds",
    "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param
securityGroupIds Specifies the security groups for VPC endpoint.\n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "securityGroupIds",
    "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies
the security groups for VPC endpoint.",
    "getterModel" : {
        "returnType" : "java.util.List<String>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "SecurityGroupIds",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "SecurityGroupIds",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,
    "listModel" : {
        "implType" : "java.util.ArrayList",
        "interfaceType" : "java.util.List",
        "listMemberModel" : {
            "beanStyleGetterMethodName" : "getMember",
            "beanStyleSetterMethodName" : "setMember",

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    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,

```

```

    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
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        "variableName" : "member",
        "variableType" : "String",
        "documentation" : "",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",

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"variableName" : "securityGroupIds",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "securityGroupIds",
"variableType" : "java.util.List<String>",
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
},
"SubnetIds" : {
"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a
convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually
via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#subnetIds(List<String>)}. \n@param subnetIds a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #subnetIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds
Specifies the subnets for VPC endpoint. \n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return Specifies the
subnets for VPC endpoint.",
"getterModel" : {
"returnType" : "java.util.List<String>",

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    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "SubnetIds",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "SubnetIds",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "String",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
      "deprecated" : false,
      "documentation" : "",
      "endpointDiscoveryId" : false,
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "member",
      "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    }
  }
}

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    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",

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    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the
subnets for VPC endpoint.",
"setterMethodName" : "setSubnetIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {

```

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"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a
convenience that creates an instance of the { @link List<String>.Builder } avoiding the need to create one manually
via { @link List<String>#builder() }. \n\nWhen the { @link Consumer } completes, { @link
List<String>.Builder#build() } is called immediately and its result is passed to { @link
#subnetIds(List<String>). \n@param subnetIds a consumer that will call methods on { @link
List<String>.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #subnetIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"endpointDiscoveryId" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies
the subnets for VPC endpoint. \n@return Returns a reference to this object so that method calls can be chained
together.",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return Specifies the
subnets for VPC endpoint.",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SubnetIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SubnetIds",
  "uri" : false
},
"idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,

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    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "Member",
  "sensitive" : false,
  "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,

```

```

"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the
subnets for VPC endpoint.",
"setterMethodName" : "setSubnetIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSecurityGroupIds",
  "beanStyleSetterMethodName" : "setSecurityGroupIds",
  "c2jName" : "SecurityGroupIds",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need
to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}. \n@param securityGroupIds a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #securityGroupIds(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "securityGroupIds",
  "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param

```

securityGroupIds Specifies the security groups for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "securityGroupIds",
```

"getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies the security groups for VPC endpoint.",

```
"getterModel" : {  
  "returnType" : "java.util.List<String>",  
  "documentation" : null
```

```
},
```

```
"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "SecurityGroupIds",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "SecurityGroupIds",  
  "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : true,
```

```
"listModel" : {
```

```
  "implType" : "java.util.ArrayList",
```

```
  "interfaceType" : "java.util.List",
```

```
  "listMemberModel" : {
```

```
    "beanStyleGetterMethodName" : "getMember",
```

```
    "beanStyleSetterMethodName" : "setMember",
```

```
    "c2jName" : "member",
```

```
    "c2jShape" : "String",
```

```
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",
```

```
  "deprecated" : false,
```

```
  "documentation" : "",
```

```
  "endpointDiscoveryId" : false,
```

```
  "enumType" : null,
```



```

    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "sensitive" : false,
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
    "setterMethodName" : "setMember",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "member",
        "variableType" : "String",

```

```

    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"sensitive" : false,
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "securityGroupIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "securityGroupIds",
  "variableType" : "java.util.List<String>",

```

```

    "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
  },
  "xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "VPCOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : null,
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"wrapper" : false
},
"ValidationException" : {
  "c2jName" : "ValidationException",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : "ValidationException",
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : 400,
  "marshaller" : null,

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"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ValidationException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "ValidationException",
  "variableName" : "validationException",
  "variableType" : "ValidationException",
  "documentation" : null,
  "simpleType" : "ValidationException",
  "variableSetterType" : "ValidationException"
},
"wrapper" : false
},
"VolumeType" : {
  "c2jName" : "VolumeType",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> The type of EBS volume, standard, gp2, or io1. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage</a>for more information.</p>",
  "endpointDiscovery" : null,
  "enums" : [ {
    "name" : "STANDARD",
    "value" : "standard"
  }, {
    "name" : "GP2",
    "value" : "gp2"
  }, {
    "name" : "IO1",
    "value" : "io1"
  } ],
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,

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```

"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "VolumeType",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "VolumeType",
  "variableName" : "volumeType",
  "variableType" : "VolumeType",
  "documentation" : null,
  "simpleType" : "VolumeType",
  "variableSetterType" : "VolumeType"
},
"wrapper" : false
},
"ZoneAwarenessConfig" : {
  "c2jName" : "ZoneAwarenessConfig",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Specifies the zone awareness configuration for the domain cluster, such as the number of
availability zones.</p>",
  "endpointDiscovery" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,

```

```

"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getAvailabilityZoneCount",
  "beanStyleSetterMethodName" : "setAvailabilityZoneCount",
  "c2jName" : "AvailabilityZoneCount",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>An integer value to indicate the number of availability
zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is
enabled</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#availabilityZoneCount(Integer)}. \n@param availabilityZoneCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#availabilityZoneCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone
awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>",
  "endpointDiscoveryId" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "availabilityZoneCount",
  "fluentSetterDocumentation" : "<p>An integer value to indicate the number of availability zones for a domain
when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is
enabled</p>\n@param availabilityZoneCount An integer value to indicate the number of availability zones for a
domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is
enabled\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "availabilityZoneCount",
  "getterDocumentation" : "<p>An integer value to indicate the number of availability zones for a domain when
zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>\n@return
An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This
should be equal to number of subnets if VPC endpoints is enabled",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AvailabilityZoneCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AvailabilityZoneCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "AvailabilityZoneCount",
"sensitive" : false,
"setterDocumentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>\n@param availabilityZoneCount An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled",
"setterMethodName" : "setAvailabilityZoneCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "availabilityZoneCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "availabilityZoneCount",
  "variableType" : "Integer",
  "documentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
} ],
"membersAsMap" : {
  "AvailabilityZoneCount" : {
    "beanStyleGetterMethodName" : "getAvailabilityZoneCount",
    "beanStyleSetterMethodName" : "setAvailabilityZoneCount",

```

```

    "c2jName" : "AvailabilityZoneCount",
    "c2jShape" : "IntegerClass",
    "defaultConsumerFluentSetterDocumentation" : "<p>An integer value to indicate the number of availability
zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is
enabled</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#availabilityZoneCount(Integer)}. \n@param availabilityZoneCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#availabilityZoneCount(Integer)",
    "deprecated" : false,
    "documentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone
awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>",
    "endpointDiscoveryId" : false,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "availabilityZoneCount",
    "fluentSetterDocumentation" : "<p>An integer value to indicate the number of availability zones for a domain
when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is
enabled</p>\n@param availabilityZoneCount An integer value to indicate the number of availability zones for a
domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is
enabled\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "availabilityZoneCount",
    "getterDocumentation" : "<p>An integer value to indicate the number of availability zones for a domain when
zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>\n@return
An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This
should be equal to number of subnets if VPC endpoints is enabled",
    "getterModel" : {
        "returnType" : "Integer",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "AvailabilityZoneCount",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "AvailabilityZoneCount",

```



```

    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "INTEGER",
  "name" : "AvailabilityZoneCount",
  "sensitive" : false,
  "setterDocumentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>\n@param availabilityZoneCount An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled",
  "setterMethodName" : "setAvailabilityZoneCount",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "availabilityZoneCount",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "availabilityZoneCount",
    "variableType" : "Integer",
    "documentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getAvailabilityZoneCount",
  "beanStyleSetterMethodName" : "setAvailabilityZoneCount",
  "c2jName" : "AvailabilityZoneCount",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link

```

Integer.Builder#build() is called immediately and its result is passed to { @link #availabilityZoneCount(Integer)}. \n@param availabilityZoneCount a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #availabilityZoneCount(Integer)",

"deprecated" : false,

"documentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>",

"endpointDiscoveryId" : false,

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "availabilityZoneCount",

"fluentSetterDocumentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>\n@param availabilityZoneCount An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "availabilityZoneCount",

"getterDocumentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>\n@return An integer value to indicate the number of availability zones for a domain when zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled",

"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null

},

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AvailabilityZoneCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AvailabilityZoneCount",
 "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "AvailabilityZoneCount",
"sensitive" : false,
"setterDocumentation" : "<p>An integer value to indicate the number of availability zones for a domain when
zone awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>\n@param
availabilityZoneCount An integer value to indicate the number of availability zones for a domain when zone
awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled",
"setterMethodName" : "setAvailabilityZoneCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "availabilityZoneCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "availabilityZoneCount",
  "variableType" : "Integer",
  "documentation" : "<p>An integer value to indicate the number of availability zones for a domain when zone
awareness is enabled. This should be equal to number of subnets if VPC endpoints is enabled</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ZoneAwarenessConfig",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ZoneAwarenessConfig",
  "variableName" : "zoneAwarenessConfig",
  "variableType" : "ZoneAwarenessConfig",
  "documentation" : null,
  "simpleType" : "ZoneAwarenessConfig",
  "variableSetterType" : "ZoneAwarenessConfig"
}

```

```

    },
    "wrapper" : false
  }
},
"customAuthorizers" : { },
"customRetryPolicy" : null,
"examples" : {
  "examples" : { },
  "version" : "1.0"
},
"fileHeader" : "/*\n * Copyright 2014-2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.\n *\n *
Licensed under the Apache License, Version 2.0 (the \"License\").\n * You may not use this file except in
compliance with the License.\n * A copy of the License is located at\n *\n * http://aws.amazon.com/apache2.0\n *\n
* or in the \"license\" file accompanying this file. This file is distributed\n * on an \"AS IS\" BASIS, WITHOUT
WARRANTIES OR CONDITIONS OF ANY KIND, either\n * express or implied. See the License for the specific
language governing\n * permissions and limitations under the License.\n */",
"sdkBaseResponseFqcn" :
"software.amazon.awssdk.awscore.AwsResponse<software.amazon.awssdk.awscore.AwsResponseMetadata>",
"sdkModeledExceptionBaseClassName" : "ElasticsearchException",
"sdkModeledExceptionBaseFqcn" :
"software.amazon.awssdk.services.elasticsearch.model.ElasticsearchException",
"sdkRequestBaseClassName" : "ElasticsearchRequest",
"sdkResponseBaseClassName" : "ElasticsearchResponse"
}

```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/models/es-2015-01-01-intermediate.json

No license file was found, but licenses were detected in source scan.

```

/*
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 *
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 * the License. A copy of the License is located at
 *
 * http://aws.amazon.com/apache2.0
 *
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WARRANTIES OR
 * CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
 * and limitations under the License.
*/
/**
 * <p>
 * Allows you to either upgrade your domain or perform an Upgrade eligibility check to a compatible

```

Elasticsearch

- * version.
- * </p>
- *
- * @param upgradeElasticsearchDomainRequest
 - * Container for request parameters to <code> <a>UpgradeElasticsearchDomain </code> operation.
- * @return Result of the UpgradeElasticsearchDomain operation returned by the service.
- * @throws BaseException
 - * An error occurred while processing the request.
- * @throws ResourceNotFoundException
 - * An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.
- * @throws ResourceAlreadyExistsException
 - * An exception for creating a resource that already exists. Gives http status code of 400.
- * @throws DisabledOperationException
 - * An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.
- * @throws ValidationException
 - * An exception for missing / invalid input fields. Gives http status code of 400.
- * @throws InternalException
 - * The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.
- * @throws SdkException
 - * Base class for all exceptions that can be thrown by the SDK (both service and client). Can be used for catch all scenarios.
- * @throws SdkClientException
 - * If any client side error occurs such as an IO related failure, failure to get credentials, etc.
- * @throws ElasticsearchException
 - * Base class for all service exceptions. Unknown exceptions will be thrown as an instance of this type.
- * @sample ElasticsearchClient.UpgradeElasticsearchDomain
- */

Found in path(s):

- * /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/DefaultElasticsearchClient.java
- * /opt/ws_local/PERMITS_SQL/1069497719_1594673691.02/0/elasticsearch-2-4-6-sources-1-jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchClient.java

1.244 keyutils 1.5.8-3.el7

1.244.1 Available under license :

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Version 2, June 1991

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```
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```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.254 file-system 3.2-25.el7

1.254.1 Available under license :

No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1136595805_1613806386.92/0/filesystem-3.2-25.el7-1.src.rpm-cosi-expand-archive-vXcgdFqD/filesystem.spec

1.255 apache-client 2.17.85

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/JsonTreeReader.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/TypeAdapterFactory.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/JsonReaderInternalAccess.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/TypeAdapters.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/TypeAdapter.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/JsonTreeWriter.java

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* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/LongSerializationPolicy.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/FieldAttributes.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonParser.java

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* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonObject.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonArray.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/FieldNamingStrategy.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/annotations/SerializedName.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonDeserializationContext.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/Excluder.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/FieldNamingPolicy.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/\$Gson\$Preconditions.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonSerializationContext.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonParseException.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/ObjectConstructor.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/Gson.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonIOException.java

* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-

jar/com/google/gson/reflect/TypeToken.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/JsonDeserializer.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/annotations/Expose.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/internal/Primitives.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/GsonBuilder.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/JsonSerializer.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/annotations/Since.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/JsonPrimitive.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/ExclusionStrategy.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/annotations/Until.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/InstanceCreator.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/JsonNull.java
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jar/com/google/gson/internal/LinkedHashMap.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/internal/LinkedTreeMap.java
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*/opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/stream/JsonReader.java
*/opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/stream/MalformedJsonException.java
*/opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/stream/JsonScope.java
*/opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/stream/JsonToken.java
*/opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-
jar/com/google/gson/stream/JsonWriter.java
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jar/com/google/gson/internal/reflect/PreJava9ReflectionAccessor.java
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* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/reflect/ReflectionAccessor.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/reflect/UnsafeReflectionAccessor.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/PreJava9DateFormatProvider.java
* /opt/cola/permits/1330613678_1652979131.328877/0/gson-2-8-9-sources-2-jar/com/google/gson/internal/JavaVersion.java

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Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
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1.272 aws-java-sdk-cloud9 1.12.377

1.272.1 Available under license :

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1.273 aws-java-sdk-applicationautoscaling

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1.274 javassist 3.27.0-GA

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Found in path(s):

* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/Proxy.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Visitor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Member.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/reflect/CannotInvokeException.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewWrappedConstructor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/LoaderClassPath.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/AppletServer.java
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/expr/ConstructorCall.java

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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/LocalVariableAttribute.java
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/runtime/Inner.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/util/proxy/DefinePackageHelper.java
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CannotCompileException.java

- * /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/expr/Expr.java
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jar/com/google/gson/internal/bind/DateTypeAdapter.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/bind/TreeTypeAdapter.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/UnsafeAllocator.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/ConstructorConstructor.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/LazilyParsedNumber.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/sql/SqlTimeTypeAdapter.java
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jar/com/google/gson/internal/JavaVersion.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/PreJava9DateFormatProvider.java
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* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/bind/TypeAdapters.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/bind/JsonTreeReader.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/bind/JsonTreeWriter.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-
jar/com/google/gson/internal/bind/ArrayTypeAdapter.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/TypeAdapter.java

* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/internal/JsonReaderInternalAccess.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/TypeAdapterFactory.java
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* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/FieldAttributes.java

* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonParser.java

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jar/com/google/gson/LongSerializationPolicy.java

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* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/stream/JsonWriter.java

* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/stream/JsonToken.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/stream/JsonReader.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/stream/JsonScope.java
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* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonSyntaxException.java
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* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonElement.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/internal/Excluder.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/ExclusionStrategy.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonParseException.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/internal/$Gson$Preconditions.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonIOException.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonObject.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/InstanceCreator.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/internal/Primitives.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonNull.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/annotations/SerializedName.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonDeserializationContext.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/FieldNamingPolicy.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonPrimitive.java
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* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonSerializer.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonSerializationContext.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/annotations/Since.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonDeserializer.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/reflect/TypeToken.java
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* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/internal/ObjectConstructor.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/annotations/Expose.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/GsonBuilder.java
* /opt/cola/permits/1296849109_1648622539.88/0/gson-2-9-0-sources-jar/com/google/gson/JsonArray.java
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Jackson JSON processor

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api
- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from

following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.290 aws-java-sdk-ecr 1.12.377

1.290.1 Available under license :

Apache-2.0

1.291 aws-java-sdk-supportapp 1.12.377

1.291.1 Available under license :

Apache-2.0

1.292 aws-crt 0.8.2

1.292.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/**
```

```
* Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.
```

```
* SPDX-License-Identifier: Apache-2.0.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/io/ClientBootstrap.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/io/TlsContextOptions.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/mqtt/MqttMessage.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/http/HTTPHeader.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/mqtt/MqttConnectionConfig.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/http/HttpResponseHandler.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/Utils/PemUtils.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/auth/credentials/StaticCredentialsProvider.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/auth/signing/AwsSigningConfig.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/io/HostResolver.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/io/ClientTlsContext.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/http/HttpProxyOptions.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/io/EventLoopGroup.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/mqtt/MqttClient.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/Utils/ByteBufferUtils.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-jar/software/amazon/awssdk/crt/mqtt/MqttClientConnection.java
```

```
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
```


jar/software/amazon/awssdk/crt/Process.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/CRT.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/http/HttpMonitoringOptions.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/mqtt/WebsocketHandshakeTransformArgs.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/mqtt/MqttClientConnectionEvents.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/io/TlsContext.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/io/TlsCipherPreference.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/http/HttpClientConnectionManager.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/http/HttpRequest.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/auth/credentials/Credentials.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/http/HTTPHeaderBlock.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/http/HttpRequestBodyStream.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/CrtRuntimeException.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/http/HttpClientConnection.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/auth/credentials/X509CredentialsProvider.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/http/HttpException.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/http/HttpStreamResponseHandlerNativeAdapter.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/io/ServerTlsContext.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/mqtt/MqttException.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/auth/signing/AwsSigner.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/io/SocketOptions.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/AsyncCallback.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/http/HttpStream.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/CrtResource.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-

jar/software/amazon/awssdk/crt/auth/credentials/DefaultChainCredentialsProvider.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/auth/credentials/CredentialsProvider.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/CrtPlatform.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/mqtt/QualityOfService.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/Utils/PackageInfo.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/Log.java
* /opt/cola/permits/1463017794_1667606644.2979312/0/aws-crt-0-8-2-sources-1-
jar/software/amazon/awssdk/crt/http/HttpClientConnectionManagerOptions.java

1.293 gawk 4.0.2-4.el7_3.1

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1.298 python-iniparse 0.4

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release from | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |

Footnotes:

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.300 jakarta-el 3.0.4

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1.301 jackson-dataformat-yaml 2.14.0

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1.302 t-digest 3.2

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*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/FloatHistogram.java
* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/AVLGroupTree.java
* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/Sort.java
* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/TDigest.java
* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/IntAVLTree.java
* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/Histogram.java
* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/MergingDigest.java
* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/Centroid.java
* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/Simple64.java
* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/AbstractTDigest.java
* /opt/ws_local/PERMITS_SQL/1091220915_1600449900.56/0/t-digest-3-2-sources-1-jar/com/tdunning/math/stats/AVLTreeDigest.java

1.303 aws-java-sdk-personalizeevents

1.12.377

1.303.1 Available under license :

No license file was found, but licenses were detected in source scan.

/opt/cola/permits/1636778499_1681352217.2053533/0/aws-java-sdk-personalizeevents-1-12-377-jar/com/amazonaws/services/personalizeevents/model/Event.class: binary file matches
/opt/cola/permits/1636778499_1681352217.2053533/0/aws-java-sdk-personalizeevents-1-12-377-jar/com/amazonaws/services/personalizeevents/model/MetricAttribution.class: binary file matches

/opt/cola/permits/1636778499_1681352217.2053533/0/aws-java-sdk-personalizeevents-1-12-377-jar/com/amazonaws/services/personalizeevents/model/transform/EventJsonUnmarshaller.class: binary file matches
/opt/cola/permits/1636778499_1681352217.2053533/0/aws-java-sdk-personalizeevents-1-12-377-jar/com/amazonaws/services/personalizeevents/model/transform/EventMarshaller.class: binary file matches
/opt/cola/permits/1636778499_1681352217.2053533/0/aws-java-sdk-personalizeevents-1-12-377-jar/com/amazonaws/services/personalizeevents/model/transform/MetricAttributionJsonUnmarshaller.class: binary file matches
/opt/cola/permits/1636778499_1681352217.2053533/0/aws-java-sdk-personalizeevents-1-12-377-jar/com/amazonaws/services/personalizeevents/model/transform/MetricAttributionMarshaller.class: binary file matches

Found in path(s):

* /bin/grep

1.304 aws-java-sdk-appregistry 1.12.377

1.304.1 Available under license :

Apache-2.0

1.305 geoipupdate 2.5.0-1.el7

1.305.1 Available under license :

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```

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<signature of Ty Coon>, 1 April 1989
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1.306 common-utils 4.1.0

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```

```

# -----

# Exclude javax.servlet.*
Import-Package !javax.servlet.*,\
               !com.sun.org.apache.*,\
               javax.xml.namespace,\
               *

Include-Resource @geronimo-activation_1.0.2_spec-1.2.jar!/META-INF/mimetypes.default

# FIXME Some classes in javax.* depends on 'external' packages
# Introduced packages versions
Export-Package javax.el.*;version=2.1,\
               javax.servlet.*;version=2.5;-split-package:=merge-first,\
               javax.transaction;version=1.1.0,\
               javax.mail.*;version=1.4,\
               javax.*,\
               org.apache.taglibs.*;version=2.1

Private-Package org.apache.geronimo.*;-split-package:=merge-first,\
               javax.xml.namespace;-split-package:=merge-first,\
               com.ibm.*

-failok

Found in path(s):
* /opt/cola/permits/1610265837_1679512518.7665615/0/javaee-api-5-0-1-sources-jar/META-INF/javaee-api.bnd

```

1.308 commons-math 2.1

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1.320 python-iniparse 0.4-9.el7

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iniparse/compat.py and tests/test_compat.py contain code derived from lib/python-2.3/ConfigParser.py and lib/python-2.3/test/test_cfgparse.py respectively. Other code may contain small snippets from those two files as well. The Python license (LICENSE-PSF) applies to that code.

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release from | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |

| | | | | |
|-------|-------|-----------|-----|-----|
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
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jar/com/google/protobuf/FieldSet.java  
* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-  
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jar/com/google/protobuf/SingleFieldBuilderV3.java
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* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/AbstractParser.java

* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/RepeatedFieldBuilderV3.java

* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/UnsafeByteOperations.java

* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/MutabilityOracle.java

* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/ExtensionSchemas.java

* /opt/cola/permits/1199766327_1630582588.31/0/protobuf-java-3-11-4-sources-3-jar/com/google/protobuf/NewInstanceSchema.java

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analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See <http://members.unine.ch/jacques.savoy/clef/index.html>.

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(common) are based on BSD-licensed reference implementations created by Jacques Savoy and
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analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
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1.338 dropwizard-auth-ldap 1.0.4

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1.339 jackson-module-afterburner 2.10.5

1.339.1 Available under license :

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1.340 jackson-datatype-joda 2.14.0-rc2

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1.341 aws-java-sdk 1.12.377

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1.342 error_prone_annotations 2.3.3

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```
* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/NoAllocation.java  
* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/concurrent/LockMethod.java  
* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
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*/opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-
jar/com/google/errorprone/annotations/CompatibleWith.java
*/opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-
jar/com/google/errorprone/annotations/FormatMethod.java
*/opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-
jar/com/google/errorprone/annotations/MustBeClosed.java
*/opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-
jar/com/google/errorprone/annotations/RestrictedApi.java
*/opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-
jar/com/google/errorprone/annotations/FormatString.java
```

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 */
```

Found in path(s):

* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/DoNotCall.java
* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/CheckReturnValue.java

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Found in path(s):

* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/CompileTimeConstant.java

* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/SuppressPackageLocation.java

* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/Immutable.java

* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/RequiredModifiers.java

* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/Var.java

* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/ForOverride.java

* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/concurrent/LazyInit.java

* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java

* /opt/cola/permits/1264660152_1643871085.34/0/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/IncompatibleModifiers.java

1.343 rpm-python 4.11.3-48.el7_9

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*/

Found in path(s):

* /opt/cola/permits/1638411420_1681425254.0085146/0/grpc-protobuf-1-24-0-sources-1-jar/io/grpc/protobuf/ProtoFileDescriptorSupplier.java

1.347 schema-registry-common 1.1.1

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```

Found in path(s):

```
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/META-INF/maven/software.amazon.glue/schema-registry-common/pom.xml
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Found in path(s):

```
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/utils/GlueSchemaRegistryUtils.java
```

```
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/common/GlueSchemaRegistryCompressionHandler.java
```

* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/common/AWSSchemaRegistryClient.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/common/GlueSchemaRegistryCompressionFactory.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/common/AWSSchemaRegistryGlueClientRetryPolicyHelper.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/common/GlueSchemaRegistryDefaultCompression.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/utils/AvroRecordType.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/utils/AWSSchemaRegistryConstants.java
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* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/caching/GlueSchemaRegistrySerializerCache.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/common/GlueSchemaRegistryDataFormatSerializer.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/exception/GlueSchemaRegistryIncompatibleDataException.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/common/AWSSerializerInput.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/exception/AWSSchemaRegistryException.java
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* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/common/configs/GlueSchemaRegistryConfiguration.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/common/AWSSchemaNamingStrategy.java
* /opt/cola/permits/1463018035_1667607008.204585/0/schema-registry-common-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/common/AWSSchemaNamingStrategyDefaultImpl.java

1.348 aws-java-sdk-sagemakeredgemanager

1.12.377

1.348.1 Available under license :

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1.349 jackson 2.13.2

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```
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```


<signature of Ty Coon>, 1 April 1989

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Version 3, 29 June 2007

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jar/com/google/common/annotations/package-info.java
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jar/com/google/common/primitives/package-info.java
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jar/com/google/common/base/CommonMatcher.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/GwtTransient.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/AtomicLongMap.java

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/MutableValueGraph.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/AbstractGraph.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/MoreCollectors.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/ImmutableValueGraph.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/ElementOrder.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/ValueGraphBuilder.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/NetworkConnections.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/Comparators.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/graph/GraphConstants.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/ForwardingGraph.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/AbstractNetwork.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/EdgesConnecting.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/GraphBuilder.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/EndpointPairIterator.java
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jar/com/google/common/graph/DirectedGraphConnections.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/graph/StandardNetwork.java
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jar/com/google/common/collect/CollectCollectors.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/MapRetrievalCache.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/DirectedMultiNetworkConnections.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/GraphConnections.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/NetworkBuilder.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/MapIteratorCache.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/StandardMutableGraph.java

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/**

* Holder for web specializations of methods of { @code Doubles }. Intended to be empty for regular
* version.

*/

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/DoublesMethodsForWeb.java

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* the License.
*/
/**
* Holder for web specializations of methods of { @code Ints}. Intended to be empty for regular
* version.
*/
```

Found in path(s):

```
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/IntsMethodsForWeb.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ImmutableSortedAsList.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableBiMapFauxverideShim.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/package-info.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/AbstractMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ForwardingMapEntry.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/AbstractIterator.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/Sets.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ForwardingMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/collect/Multimaps.java
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jar/com/google/common/collect/BiMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/Multisets.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingQueue.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingConcurrentMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ReverseNaturalOrdering.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/SortedSetMultimap.java
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jar/com/google/common/collect/NullsFirstOrdering.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingSortedSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingObject.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/MapDifference.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/EnumBiMap.java
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jar/com/google/common/io/Resources.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Predicates.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Function.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Throwables.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/Primitives.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/FinalizableWeakReference.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/eventbus/DeadEvent.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/Files.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/eventbus/package-info.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/package-info.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/io/LineReader.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Predicate.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/package-info.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Preconditions.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/FinalizableSoftReference.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/FinalizableReferenceQueue.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Objects.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Charsets.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/eventbus/Subscribe.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/io/MultiInputStream.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/io/Flushables.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Supplier.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/FinalizableReference.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/FinalizablePhantomReference.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/DirectExecutor.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/EnumMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/HashBiMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/Defaults.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/CountingOutputStream.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/ListenableFuture.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/AbstractIterator.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/Functions.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/CountingInputStream.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/CharStreams.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/ByteStreams.java

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jar/com/google/common/primitives/ImmutableDoubleArray.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/ImmutableIntArray.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ForwardingLock.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/AbstractHashFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/ImmutableLongArray.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ForwardingCondition.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/OverflowAvoidingLockSupport.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/math/ToDoubleRounder.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/math/BigDecimalMath.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/Java8Compatibility.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/util/concurrent/Internal.java

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/LittleEndianByteArray.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/AsyncCallable.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/FarmHashFingerprint64.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/io/ReaderInputStream.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/MacHashFunction.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ConsumingQueueIterator.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/CombinedFuture.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/Platform.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/InterruptibleTask.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/AggregateFutureState.java

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jar/com/google/common/collect/JdkBackedImmutableMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/JdkBackedImmutableSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/ImmutableSupplier.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ExecutionSequencer.java
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*
* As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
* `java.util.HashMap` class.
*/

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/WrappingExecutorService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractScheduledService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/UncheckedExecutionException.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/Weigher.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/CacheStats.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/hash/AbstractCompositeHashFunction.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/reflect/TypeParameter.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/RegularImmutableMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ForwardingExecutorService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/PairwiseEquivalence.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/TreeRangeSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/collect/RegularContiguousSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Absent.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/cache/RemovalNotification.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/Hasher.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/HashCode.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/net/MediaType.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/AbstractStreamingHasher.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/Crc32cHashFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/Uninterruptibles.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/net/HostAndPort.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/Murmur3_128HashFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Enums.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/math/MathPreconditions.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/MessageDigestHashFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/UnsignedLongs.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/cache/RemovalListener.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/net/HttpHeaders.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/cache/RemovalCause.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/math/package-info.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/FunctionalEquivalence.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/cache/Cache.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/BloomFilterStrategies.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/math/BigIntegerMath.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/cache/AbstractCache.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ExecutionError.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/math/IntMath.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/HashingOutputStream.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/EmptyContiguousSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/math/DoubleMath.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/Funnels.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/cache/CacheLoader.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/Funnel.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/cache/ForwardingCache.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/Queues.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/math/LongMath.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/AbstractSortedMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/cache/LoadingCache.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/ParseRequest.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/FutureCallback.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/BloomFilter.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/HashFunction.java

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableSortedMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/GeneralRange.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ForwardingSortedMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/SortedIterable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/RangeSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/AbstractRangeSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/Count.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/SortedIterables.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableSortedMultiset.java

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*/
/**
 * Returns an array containing all of the elements in the specified collection. This method
 * returns the elements in the order they are returned by the collection's iterator. The returned
 * array is "safe" in that no references to it are maintained by the collection. The caller is
 * thus free to modify the returned array.
 *
 * <p>This method assumes that the collection size doesn't change while the method is running.
 *
 * <p>TODO(kevinb): support concurrently modified collections?
 *
 * @param c the collection for which to return an array of elements
 */
```

Found in path(s):

```
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ObjectArrays.java
```

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 * express
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 * the License.
 */
/*
 * This method was rewritten in Java from an intermediate step of the Murmur hash function in
 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
 * following header:
 *
 * MurmurHash3 was written by Austin Appleby, and is placed in the public domain. The author
 * hereby disclaims copyright to this source code.
 */
```

Found in path(s):

```
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/SmallCharMatcher.java
```

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/eventbus/SubscriberRegistry.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/eventbus/Dispatcher.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/MoreObjects.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ListenerCallQueue.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/math/Quantiles.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/eventbus/Subscriber.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/Java8Usage.java

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/TypeToken.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/FluentFuture.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/AggregateFuture.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/TimeLimiter.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractTransformFuture.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/FakeTimeLimiter.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/FuturesGetChecked.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/util/concurrent/Futures.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/escape/CharEscaper.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/escape/CharEscaperBuilder.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/TimeoutFuture.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ImmediateFuture.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/annotations/VisibleForTesting.java
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jar/com/google/common/reflect/TypeVisitor.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/HashingInputStream.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/VerifyException.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/eventbus/SubscriberExceptionHandler.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/AbstractTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/Runnables.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Verify.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/FilteredMultimapValues.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/io/CharSequenceReader.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Utf8.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
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```

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/JdkBackedImmutableMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/BaseImmutableMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/JdkBackedImmutableBiMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/IndexedImmutableSet.java
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Found in path(s):

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/FilteredKeySetMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/FilteredKeyListMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/AllEqualOrdering.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/TransformedListIterator.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/FilteredMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/FilteredEntrySetMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/SortedMultisetBridge.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/CompactLinkedHashSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/CompactLinkedHashMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/FilteredSetMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/CompactHashMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableEnumMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ForwardingImmutableList.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/collect/ForwardingBlockingDeque.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingDeque.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/TransformedIterator.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingImmutableMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/TreeTraverser.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/CompactHashSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/DescendingMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/FilteredEntryMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/RangeMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingNavigableSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/TreeRangeMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/DescendingImmutableSortedSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/AbstractMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/RegularImmutableAsList.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/EvictingQueue.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingNavigableMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingImmutableSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/AbstractNavigableMap.java

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/hash/package-info.java

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*/

/**

* Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular
* version.

*/

Found in path(s):

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/ExtraObjectsMethodsForWeb.java

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/*

* This following method is a modified version of one found in
* <http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30>
* which contained the following notice:
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/MoreExecutors.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableMapEntry.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/MultimapBuilder.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/MoreFiles.java
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- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableEntry.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/Tables.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/Serialization.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/StandardTable.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableListMultimap.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/PeekingIterator.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableMap.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableMultiset.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/SingletonImmutableBiMap.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableBiMap.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableBiMap.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableSortedSet.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableMapValues.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/Collections2.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableMapEntrySet.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableCollection.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/Table.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/EmptyImmutableListMultimap.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/collect/CollectPreconditions.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/HashBasedTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ImmutableMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/Platform.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/TreeBasedTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/StandardRowSortedTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ImmutableMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/Range.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/UnmodifiableIterator.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ImmutableMapKeySet.java

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/**

* Holder for web specializations of methods of { @code Shorts }. Intended to be empty for regular
* version.

*/

Found in path(s):

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/ShortsMethodsForWeb.java

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableRangeSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/math/LinearTransformation.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/CharSink.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/LongAddable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/SmoothRateLimiter.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/FilteredKeyMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/Parameter.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/ByteSink.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/Closer.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/math/Stats.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/html/package-info.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/math/PairedStatsAccumulator.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/Element.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/CharSource.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/package-info.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/math/StatsAccumulator.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/escape/package-info.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/SipHashFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/TypeCapture.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/LongAddable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/ByteSource.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/ChecksumHashFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/Invokable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/StandardSystemProperty.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/AbstractByteHasher.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/BaseEncoding.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/TypeToInstanceMap.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/CartesianList.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/FileWriteMode.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/reflect/ClassPath.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/xml/package-info.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableRangeMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/ServiceManager.java

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 * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/AbstractBaseGraph.java
 * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/BaseGraph.java
 * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/Traverser.java
 * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ClosingFuture.java
```

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```
 * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/graph/IncidentEdgeSet.java
 * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/CompactHashing.java
```

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/*

* This method was rewritten in Java from an intermediate step of the Murmur hash function in

* <http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp>, which contained the

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/Hashing.java

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jar/com/google/common/reflect/Reflection.java

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*/

/**

* Outer class that exists solely to let us write { @code Partially.GwtIncompatible } instead of plain
* { @code GwtIncompatible }. This is more accurate for { @link Futures#catching }, which is available
* under GWT but with a slightly different signature.

*

* <p>We can't use { @code PartiallyGwtIncompatible } because then the GWT compiler wouldn't recognize
* it as a { @code GwtIncompatible } annotation. And for { @code Futures.catching }, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.

*/

Found in path(s):

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/Partially.java

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- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/ImmutableGraph.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/SuccessorsFunction.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/MutableNetwork.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/ImmutableNetwork.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/Graphs.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/InsecureRecursiveDeleteException.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/Graph.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/RecursiveDeleteOption.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/PredecessorsFunction.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/MutableGraph.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/Network.java

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- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/LongAdder.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/LongAdder.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/Striped64.java
- * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/Striped64.java

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/primitives/Shorts.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/primitives/Doubles.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/SequentialExecutor.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/CharMatcher.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/FluentIterable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/primitives/Booleans.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/primitives/Chars.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/net/PercentEscaper.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/Joiner.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/primitives/Floats.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/ListenableFutureTask.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/escape/UnicodeEscaper.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/primitives/Bytes.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/MultiReader.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/Stopwatch.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/base/Converter.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/Longs.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/Ints.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/internal/Finalizer.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/net/InetAddresses.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/escape/Escaper.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/thirdparty/publicsuffix/TrieParser.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/MinMaxPriorityQueue.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/AbstractSequentialIterator.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingListMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/RowSortedTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingSortedSetMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ForwardingImmutableCollection.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/UnmodifiableListIterator.java

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jar/com/google/common/primitives/UnsignedBytes.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/net/HostSpecifier.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/SignedBytes.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/annotations/GwtIncompatible.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/SparseImmutableTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/net/UrlEscapers.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/cache/ReferenceEntry.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/MapMakerInternalMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/reflect/TypeResolver.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/escape/Platform.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/MapMaker.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/cache/CacheBuilder.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/Cut.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/io/ByteArrayDataInput.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/SettableFuture.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/Callables.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/Service.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/AbstractIdleService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Platform.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/io/ByteArrayDataOutput.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-

jar/com/google/common/html/HtmlEscapers.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/escape/ArrayBasedEscaperMap.java
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jar/com/google/common/io/LineProcessor.java
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jar/com/google/common/xml/XmlEscapers.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/RegularImmutableTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/annotations/GwtCompatible.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/escape/ArrayBasedCharEscaper.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/net/InternetDomainName.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/util/concurrent/AbstractService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/base/Splitter.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/cache/LocalCache.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/escape/Escapers.java

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 */
/**
 * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
 * key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
 * version.
```

```
*
* @throws UnsupportedOperationException always
* @deprecated <b>Pass a key of type { @code Comparable } to use { @link
*   ImmutableSortedMap#of(Comparable, Object)}.</b>
*/
```

Found in path(s):

```
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
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express
* or implied. See the License for the specific language governing permissions and limitations under
* the License.
*/
/**
* Holder for web specializations of methods of { @code Floats }. Intended to be empty for regular
* version.
*/
```

Found in path(s):

```
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/primitives/FloatsMethodsForWeb.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ComputationException.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/DiscreteDomain.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableAsList.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ArrayTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ForwardingTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/TableCollectors.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableEnumSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableSortedSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableSortedMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/SingletonImmutableList.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/SingletonImmutableTable.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ImmutableSetMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ComparisonChain.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/RegularImmutableList.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/AbstractIndexedListIterator.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/EmptyImmutableSetMultimap.java

1.354 aws-java-sdk-opsworks 1.12.377

1.354.1 Available under license :

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1.355 aws-java-sdk-appflow 1.12.377

1.355.1 Available under license :

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1.356 aws-java-sdk-lexruntimev2 1.12.377

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1.357 metrics-jvm 4.1.33

1.357.1 Available under license :

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Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics.jvm

Build-Jdk-Spec: 1.8

Bundle-Description: A set of classes which allow you to monitor critical aspects of your Java Virtual Machine using Metrics.

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>

Bundle-ManifestVersion: 2

Bundle-Name: JVM Integration for Metrics

Bundle-SymbolicName: io.dropwizard.metrics.jvm

Bundle-Version: 4.1.33

Created-By: Apache Maven Bundle Plugin 5.1.8

Export-Package: com.codahale.metrics.jvm;uses:="com.codahale.metrics,javax.management";version="4.1.33"

Implementation-Title: JVM Integration for Metrics

Implementation-Version: 4.1.33

Import-Package: org.slf4j;version="[1.6.0,2.0.0)",com.sun.management;resolution:=optional,com.codahale.metrics;version="[4.1,5)",javax.management

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /opt/cola/permits/1480501873_1668971438.6468465/0/metrics-jvm-4-1-33-jar/META-INF/MANIFEST.MF

1.358 animal-sniffer-annotation 1.17

1.359 aopalliance-repackaged 2.6.1

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Found in path(s):

- * /opt/ws_local/PERMITS_SQL/1013573494_1591905118.19/0/perfmark-api-0-17-0-sources-jar/io/perfmark/Link.java
- * /opt/ws_local/PERMITS_SQL/1013573494_1591905118.19/0/perfmark-api-0-17-0-sources-jar/io/perfmark/PerfMark.java
- * /opt/ws_local/PERMITS_SQL/1013573494_1591905118.19/0/perfmark-api-0-17-0-sources-jar/io/perfmark/Tag.java
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1.369 aws-xml-protocol 2.17.85

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Source Code

The project maintains the following source code repositories:

* <https://github.com/eclipse-ee4j/common-annotations-api>

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1.373 aws-java-sdk-kinesisanalyticsv2

1.12.377

1.373.1 Available under license :

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1.374 aws-core 2.17.85

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* Originally from https://code.google.com/p/guava-libraries/source/browse/guava/src/com/google/common/annotations/Beta.java  
*/
```

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/annotations/Beta.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorGroupByEvicting.java

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====

This package "rx.internal.operators" is for internal implementation details and can change at any time.

It is excluded from the public Javadocs (<http://netflix.github.io/RxJava/javadoc/>) and should not be relied upon by any code.

In short, changes to public signatures of these classes will not be accounted for in the versioning of RxJava.

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/README.md

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* Original location: <https://github.com/JCTools/JCTools/blob/master/jctools-core/src/main/java/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java>

*/

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/MpscLinkedAtomicQueue.java

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Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/SpmcArrayQueue.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFlatMapCompletable.java

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*/

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/MpmcArrayQueue.java

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*/

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCUnboundedAtomicArrayQueue.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcat.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorCast.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/ConnectableObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeArray.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaPlugins.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subscriptions/BooleanSubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/MissingBackpressureException.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipWhile.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAsObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorToObservableSortedList.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorObserveOn.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/SubscriptionList.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/ScalarSynchronousObservable.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/IndexedRingBuffer.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSubscribeOn.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorReplay.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/UnsubscribeFailedException.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSingle.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkip.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimeoutTimedWithFallback.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeAmb.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorIgnoreElements.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnRequest.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeToMap.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Completable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/PublishSubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func6.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/NewThreadScheduler.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/Subject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureBuffer.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action9.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/TimeInterval.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimeoutSelectorWithFallback.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Notification.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Observer.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAll.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/SerializedSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Functions.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/RxRingBuffer.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDematerialize.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeGroupJoin.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromIterable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorLatest.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/Subscribers.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMaterialize.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/internal/operators/SingleDoOnEvent.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/subscriptions/MultipleAssignmentSubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleOnSubscribeMap.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorOnBackpressureDrop.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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jar/rx/internal/operators/OperatorThrottleFirst.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/ImmediateScheduler.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/TestSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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jar/rx/subjects/SubjectSubscriptionManager.java
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jar/rx/internal/operators/OperatorMapNotification.java
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jar/rx/internal/operators/CompletableOnSubscribeTimeout.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/TestObserver.java
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jar/rx/internal/operators/OperatorSingle.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/exceptions/OnErrorNotImplementedException.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/ImmediateScheduler.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subscriptions/RefCountSubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSwitchIfEmpty.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaObservableExecutionHook.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func3.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/SequentialSubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSerialize.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorMostRecent.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDoOnEach.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/Observers.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaErrorHandler.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAny.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/Stamped.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/BlockingObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func2.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMerge.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action7.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorCast.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/CachedThreadScheduler.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Subscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDelay.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeJoin.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeUsing.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/BehaviorSubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action6.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/GroupedObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/EventLoopsScheduler.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeAutoConnect.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/internal/operators/BlockingOperatorToFuture.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/plugins/RxJavaObservableExecutionHookDefault.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/ReplaySubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorDoOnUnsubscribe.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action2.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/CompletableOnSubscribeMergeIterable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorTimeInterval.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func5.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeRedo.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeFilter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/BlockingOperatorToIterator.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/SafeSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorArray.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/GenericScheduledExecutorService.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorTakeLastTimed.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/CachedObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/LinkedList.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorTakeUntilPredicate.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func1.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subscriptions/Subscriptions.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/Exceptions.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/subscriptions/SerialSubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/subscriptions/CompositeSubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorSkipLastTimed.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorMerge.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/exceptions/CompositeException.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorThrowable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/schedulers/NewThreadScheduler.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/UnicastSubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/exceptions/OnErrorFailedException.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/SleepingAction.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action0.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/TestSubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/AsyncSubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/BlockingOperatorNext.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/ActionN.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorOnErrorResumeNextViaFunction.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeToObservableFuture.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/SerializedSubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/CompletableOnSubscribeConcatArray.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/FuncN.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorScan.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/schedulers/TrampolineScheduler.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorTake.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/QueuedValueProducer.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/ProducerObserverArbiter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/QueuedProducer.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/internal/operators/BackpressureUtils.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/ProducerArbiter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/SingleProducer.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/SingleDelayedProducer.java
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* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-core/src/main/java/org/jctools/queues/LinkedQueueNode.java  
*/
```

Found in path(s):
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Single.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCombineLatest.java
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* Modified from <http://www.javacodegeeks.com/2013/08/simple-and-lightweight-pool-implementation.html>

*/

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jar/rx/internal/operators/SingleDoAfterTerminate.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/singles/BlockingSingle.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/AsyncOnSubscribe.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/BlockingUtils.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/SingleSubscriber.java
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This package contains code that relies on sun.misc.Unsafe. Before using it you MUST assert
UnsafeAccess.isUnsafeAvailable() == true

Much of the code in this package comes from or is inspired by the JCTools project:
<https://github.com/JCTools/JCTools>

JCTools has now published artifacts (<https://github.com/JCTools/JCTools/issues/17>) so RxJava could add JCTools
as a "shadow" dependency (<https://github.com/ReactiveX/RxJava/issues/1735>).

RxJava has a "zero dependency" policy for the core library, so if we do add it as a dependency, it won't be an
externally visible dependency that results in a separate jar.

The license for the JCTools code is <https://github.com/JCTools/JCTools/blob/master/LICENSE>

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Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/README.md
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Found in path(s):

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/CompletableEmitter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/CompletableSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/SingleEmitter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableFromEmitter.java
```

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*/
```

Found in path(s):

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/BaseLinkedQueue.java
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```

```
/*
```

```
* This mechanism for getting UNSAFE originally from:
```

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*/

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Emitter.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilObservable.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/package-info.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/SafeCompletableSubscriber.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionObserver.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeThrow.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/package-info.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilCompletable.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableFlatMapSingleToCompletable.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/annotations/package-info.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/InternalObservableUtils.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/BackpressureOverflow.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaCompletableExecutionHook.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnUnsubscribe.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/Unsubscribed.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeLift.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleLiftObservableOperator.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSingleExecutionHook.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnErrorReturn.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssembly.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssemblyCompletable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromEmitter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCreate.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionNotificationObserver.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssemblySingle.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/CancellableSubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleObserveOn.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/GenericScheduledExecutorServiceFactory.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/AssertableSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSingleExecutionHookDefault.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/observers/AssertableSubscriberObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromCallable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/ObserverSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/exceptions/AssemblyStackTraceException.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleFromFuture.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleTakeUntilSingle.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Cancellable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/EmptyObservableHolder.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleToObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/SchedulerWhen.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/NeverObservableHolder.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/observers/AsyncCompletableSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/SchedulePeriodicHelper.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeFlattenIterable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaHooks.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/singles/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subscriptions/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDelay.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleTimeout.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleDoOnSubscribe.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionSubscriber.java
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*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/ConcurrentCircularArrayQueue.java

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 */
```

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```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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```

Found in path(s):

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/ScalarSynchronousSingle.java
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 */
```

Found in path(s):

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/atomic/SpscLinkedAtomicQueue.java
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*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/MpscLinkedQueue.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Observable.java

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/**

* This plugin class provides 2 ways to customize { @link Scheduler } functionality

* 1. You may redefine entire schedulers, if you so choose. To do so, override

* the 3 methods that return Scheduler (io(), computation(), newThread()).

* 2. You may wrap/decorate an { @link Action0 }, before it is handed off to a Scheduler. The system-

* supplied Schedulers (Schedulers.ioScheduler, Schedulers.computationScheduler,

* Scheduler.newThreadScheduler) all use this hook, so it's a convenient way to

* modify Scheduler functionality without redefining Schedulers wholesale.

*

* Also, when redefining Schedulers, you are free to use/not use the onSchedule decoration hook.

* <p>

* See { @link RxJavaPlugins } or the RxJava GitHub Wiki for information on configuring plugins:

* https://github.com/ReactiveX/RxJava/wiki/Plugins.

*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSchedulersHook.java

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Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Actions.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithTime.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMulticast.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMapPair.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorEagerConcatMap.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDistinct.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ScheduledAction.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSampleWithObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimerPeriodically.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ExecutorScheduler.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithSize.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDebounceWithSelector.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDebounceWithTime.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithStartEndObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/RxThreadFactory.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscriptionOther.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/internal/operators/OnSubscribeSkipTimed.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorSkipUntil.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeTimerOnce.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorWindowWithObservableFactory.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorDistinctUntilChanged.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleOnSubscribeDelaySubscriptionOther.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorPublish.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorBufferWithStartEndObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/PlatformDependent.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorRetryWithPredicate.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeDelaySubscriptionWithSelector.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorBufferWithSingleObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorDelayWithSelector.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorDoAfterTerminate.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorTakeTimed.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorWindowWithSize.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorSwitch.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/NewThreadWorker.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorOnBackpressureLatest.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorSampleWithTime.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorWindowWithTime.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorWithLatestFrom.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeRefCount.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/atomic/SpSCLinkedListArrayQueue.java
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 */
```

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```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/unsafe/ConcurrentSequencedCircularArrayQueue.java
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core/src/main/java/org/jctools/queues/atomic/SpSCAtomicArrayQueue.java
 */
```

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```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/atomic/SpSCExactAtomicArrayQueue.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/atomic/SpSCAtomicArrayQueue.java
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libraries/source/browse/guava/src/com/google/common/annotations/Beta.java
 */
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/annotations/Experimental.java
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core/src/main/java/org/jctools/queues/SpscLinkedQueue.java
 */
```

Found in path(s):

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/unsafe/SpScLinkedQueue.java
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*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/QueueProgressIndicators.java
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*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/MessagePassingQueue.java

1.389 aws-java-sdk-globalaccelerator 1.12.377

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```
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/extra/AsiExtraField.java
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/extra/ZipLong.java
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/extra/ZipExtraField.java
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/extra/ZipShort.java
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/extra/ExtraFieldUtils.java
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/extra/ZipConstants.java
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/extra/UnrecognizedExtraField.java
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* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/commons/FileExistsException.java
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/commons/IOUtils.java
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/commons/FileUtilsV2_2.java
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/commons/StringBuilderWriter.java
* /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-
jar/org/zeroturnaround/zip/commons/FilenameUtils.java

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- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/ZipInfoCallback.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/NameMapper.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/FileSource.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/ZipEntryUtil.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/timestamps/PreJava8TimestampStrategy.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/Zips.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/timestamps/TimestampStrategy.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/ByteSource.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/timestamps/Java8TimestampStrategy.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/ZipEntrySource.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/IdentityNameMapper.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/ZipUtil.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/timestamps/TimestampStrategyFactory.java
- * /opt/cola/permits/1135879776_1613624027.25/0/zt-zip-1-14-sources-1-jar/org/zeroturnaround/zip/ZipEntryCallback.java

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```
* /opt/ws_local/PERMITS_SQL/1041687872_1590954410.55/0/feign-jackson-8-15-1-sources-
jar/feign/jackson/JacksonDecoder.java
* /opt/ws_local/PERMITS_SQL/1041687872_1590954410.55/0/feign-jackson-8-15-1-sources-
jar/feign/jackson/JacksonEncoder.java
```

1.401 shadow 0.79-6.e17

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses. Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta name="description" content="Home page of The Apache Software Foundation">

  <link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
  <link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
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  <link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
  <link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
  <link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
  <link rel="manifest" href="/favicons/manifest.json">
  <link rel="shortcut icon" href="/favicons/favicon.ico">
  <meta name="msapplication-TileColor" content="#603cba">
  <meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
  <meta name="msapplication-config" content="/favicons/browserconfig.xml">
  <meta name="theme-color" content="#303284">

  <title>Apache License, Version 2.0</title>
  <link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
  <link href="/css/min.bootstrap.css" rel="stylesheet">
  <link href="/css/styles.css" rel="stylesheet">
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</head>

<body>

<!-- Navigation -->

<header>

<nav class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">

Toggle navigation

</button>

</div>

<div class="collapse navbar-collapse" id="mainnav-collapse">

<div style="line-height:20px; padding-top:5px; float:left">Home » Licenses</div>

<ul class="nav navbar-nav navbar-right">

<li class="dropdown">

About

<ul class="dropdown-menu" role="menu">

Overview

Members

Process

Sponsorship

Glossary

FAQ

Contact

Projects

<li class="dropdown">

People

<ul class="dropdown-menu" role="menu">

Overview

Committers

Meritocracy

Roles

Planet Apache

<li class="dropdown">

Get Involved <span

```

class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
      <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
  <div class="col-md-9 col-sm-8 col-xs-12">
    
  </div>
  <div class="col-md-3 col-sm-4 col-xs-12">
    <div class="input-group" style="margin-bottom: 5px;">
      <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
  '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);
})();
</script>
<gcse:searchbox-only></gcse:searchbox-only>
</div>
<a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
<a role="button" class="btn btn-block btn-default btn-xs"

```

```

href="https://community.apache.org/contributors/">Contribute</a>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
  It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
  visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
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```
</pre></div></div>
```

```
<!-- Footer -->
```

```
<footer class="bg-primary">
```

```
<div class="container">
```

```
<div class="row">
```

```
<br />
```

```
<div class="col-sm-1">
```

```
</div>
```

```
<div class="col-sm-2">
```

```
<h5 class="white">Community</h5>
```

```
<ul class="list-unstyled white" role="menu">
```

```
<li><a href="http://community.apache.org/">Overview</a></li>
```

```
<li><a href="/foundation/conferences.html">Conferences</a></li>
```

```
<li><a href="http://community.apache.org/gsoc.html">Summer of Code</a></li>
```

```
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
```

```
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
```

```
<li><a href="/travel/">Travel Assistance</a></li>
```

```
<li><a href="/foundation/getinvolved.html">Get Involved</a></li>
```

```
<li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>
```

```
</ul>
```

```
</div>
```

```
<div class="col-sm-2">
```

```
<h5 class="white">Innovation</h5>
```

```
<ul class="list-unstyled white" role="menu">
```

```
<li><a href="http://incubator.apache.org/">Incubator</a></li>
```

```
<li><a href="http://labs.apache.org/">Labs</a></li>
```

```
<li><a href="/licenses/">Licensing</a></li>
```

```
<li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
```

```
<li><a href="/foundation/marks/">Trademark Policy</a></li>
```

```
<li><a href="/foundation/contact.html">Contacts</a></li>
```

```
</ul>
```

```
</div>
```

```
<div class="col-sm-2">
```

```
<h5 class="white">Tech Operations</h5>
```

```
<ul class="list-unstyled white" role="menu">
```

```
<li><a href="/dev/">Developer Information</a></li>
```

```
<li><a href="/dev/infrastructure.html">Infrastructure</a></li>
```

```
<li><a href="/security/">Security</a></li>
```

```
<li><a href="http://status.apache.org">Status</a></li>
```

```
<li><a href="/foundation/contact.html">Contacts</a></li>
```

```
</ul>
```

```
</div>
```



```
<div class="col-sm-2">
  <h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/press/">Overview</a></li>
    <li><a href="https://blogs.apache.org/">ASF News</a></li>
    <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
    <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
    <li><a href="/press/#contact">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
  <h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/legal/">Legal Affairs</a></li>
    <li><a href="/licenses/">Licenses</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-1">
</div>
```

```
</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
  <div class="col-lg-12">
    <p class="text-center">Copyright &#169; 2016 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
  </div>
</div>
</div>
```

```
</footer>
```

```
<!-- / Footer -->
```

```
<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
```

</html>

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```
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</head><body>
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<p>The document has moved <a href="https://opensource.org/licenses/mit-license.php">here</a>.</p>
</body></html>
```

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```
cd <SRC_PATH>
mvn package -DskipTests
mkdir /tmp/jars
mkdir /tmp/overrides
cp package-schema-registry/target/kafka-schema-registry-package-<VERSION>-package/share/java/schema-registry/*.jar /tmp/jars/
cp package-kafka-serde-tools/target/kafka-serde-tools-package-<VERSION>-package/share/java/kafka-serde-tools/*.jar /tmp/jars/
cd <LICENSE_TOOL_PATH>
./bin/run_license_job.bash -i /tmp/jars -l <SRC_PATH>/licenses -n <SRC_PATH>/notices -h <SRC_PATH>/licenses-and-notices.html -o /tmp/overrides
```

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"http://www.w3.org/TR/html4/loose.dtd">

```
<html lang="en-US">
<head>
<title>GlassFish Dual License Header and License Notice GPL v2 and CDDL</title>
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<style type="text/css">
li { display: block;}
</style>
</head>

<body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0" bgcolor="#ffffff">

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</html>

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"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />

<title>Untitled Document</title>

</head>

<body>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">

<HTML>

<!-- @page { margin: 0.79in } P { margin-bottom: 0.08in } H1 { margin-top: 0in; margin-bottom: 0.17in; widows: 0; orphans: 0 } H1.western { font-family: "Times New Roman", serif; font-size: 12pt; font-weight: normal } H1.cjk { font-family: "Andale Sans UI"; font-size: 12pt; font-weight: normal } H1.clt { font-family: "Tahoma"; font-size: 12pt; font-weight: normal } -->

<BODY DIR="LTR">

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<p>

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<p>


```
<br />
</p>
<p><br />
</p>
</body>
</html>
```

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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Apache log4j

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```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">

<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
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<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
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<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">

<title>Licenses</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">

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</head>

<body>
<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
  <div class="container">
```

```

<div class="navbar-header">
  <button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
    <span class="sr-only">Toggle navigation</span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
  </button>
  <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
</div>
<div class="collapse navbar-collapse" id="mainnav-collapse">
  <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo;&nbsp;&nbsp;<a
href="/licenses/">Licenses</a></div>
  <ul class="nav navbar-nav navbar-right">
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="/foundation">Overview</a></li>
        <li><a href="/foundation/members.html">Members</a></li>
        <li><a href="/foundation/how-it-works.html">Process</a></li>
        <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
        <li><a href="/foundation/glossary.html">Glossary</a></li>
        <li><a href="/foundation/preFAQ.html">FAQ</a></li>
        <li><a href="/foundation/contact.html ">Contact</a></li>
      </ul>
    </li>
    <li><a href="/index.html#projects-list">Projects</a></li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="http://people.apache.org/">Overview</a></li>
        <li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
        <li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
        <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
        <li><a href="http://planet.apache.org/">Planet Apache</a></li>
      </ul>
    </li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="/foundation/getinvolved.html">Overview</a></li>
        <li><a href="http://community.apache.org/">Community Development</a></li>
        <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
        <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
      </ul>
    </li>
    <li><a href="/dyn/closer.cgi">Download</a></li>
    <li class="dropdown">

```

```

    <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
    <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
    </ul>
    </li>
    </ul>
    </div>
    </div>
    </nav>
    </header>
    <!-- / Navigation -->
    <div class="container">
    <div class="row">
    <div class="col-md-9 col-sm-8 col-xs-12">
    
    </div>
    <div class="col-md-3 col-sm-4 col-xs-12">
    <div class="input-group" style="margin-bottom: 5px;">
    <script>
    (function() {
    var cx = '005703438322411770421:5mgshgrgx2u';
    var gcse = document.createElement('script');
    gcse.type = 'text/javascript';
    gcse.async = true;
    gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
    '//cse.google.com/cse.js?cx=' + cx;
    var s = document.getElementsByTagName('script')[0];
    s.parentNode.insertBefore(gcse, s);
    })();
    </script>
    <gcse:searchbox-only></gcse:searchbox-only>
    </div>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
    <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
    </div>
    </div>
    </div>
    <div class="container"><style type="text/css">
    /* The following code is added by mdx_elementid.py
    It was originally lifted from http://subversion.apache.org/style/site.css */
    /*
    * Hide class="elementid-permalink", except when an enclosing heading

```

* has the :hover property.

*/

```
.headerlink, .elementid-permalink {  
  visibility: hidden;  
}
```

```
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
```

```
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
```

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software and documentation</a>, to accept regular
```

```
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link">&para;</a></h1>
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listed below.</p>
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<h3 id="2.0">Apache License, Version 2.0 (current)<a class="headerlink" href="#2.0" title="Permanent  
link">&para;</a></h3>
```

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<p><a href="LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> (  
<a href="LICENSE-2.0.txt">TXT</a> or <a href="LICENSE-2.0.html">HTML</a> )</p>
```

```
<p>The 2.0 version of the Apache License was approved by the ASF in 2004. The  
goals of this license revision have been to reduce the number of frequently  
asked questions, to allow the license to be reusable without modification  
by any project (including non-ASF projects), to allow the license to be  
included by reference instead of listed in every file, to clarify the  
license on submission of contributions, to require a patent license on  
contributions that necessarily infringe the contributor's own patents, and  
to move comments regarding Apache and other inherited attribution notices  
to a location outside the license terms (the <a href="example-NOTICE.txt">NOTICE  
file</a> ).</p>
```

```
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source licenses, while remaining true to the original goals of the Apache  
Group and supportive of collaborative development across both nonprofit and  
commercial organizations. The Apache Software Foundation is still trying to  
determine if this version of the Apache License is <a href="GPL-compatibility.html">compatible with the  
GPL</a>.</p>
```

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documentation on how to apply the Apache License to your work can be found  
in * <a href="..dev/apply-license.html">Applying the Apache License, Version 2.0</a>  
*.</p>
```

```
<h3 id="1.1">Apache License, Version 1.1 (historic)<a class="headerlink" href="#1.1" title="Permanent
```

link">¶</h3>

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<p>The email address and other contact details are not published.</p>

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<h1 id="submitting">Submitting License Agreements and Grants¶</h1>

<p>Documents may be submitted by fax or email.</p>
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<p>If you prefer to sign electronically, please fill the form, save it locally (e.g. icla.pdf), and sign the file by preparing a detached PGP signature. For example,</p>
<blockquote>
<p>gpg --armor --detach-sign icla.pdf</p>
</blockquote>
<p>The above will create a file icla.pdf.asc. Send both the file and signature as attachments in the same email to secretary@apache.org. Please send only one document (file plus signature) per email. Please do not submit your public key to Apache. Instead, please upload your public key to pgpkeys.mit.edu. </p>
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<h1 id="trademarks">Trademark and Logo Usage¶</h1>
<p>For ASF trademark and logo usage information, please consult our ASF Trademark Use Policy page.</p>
<h1 id="questions">Questions?¶</h1>
<p>For answers to frequently asked licensing questions, please consult our Licensing Frequently Asked Questions page.</p></div>

<!-- Footer -->

<footer class="bg-primary">
<div class="container">
<div class="row">

<div class="col-sm-1">

</div>
<div class="col-sm-2">
<h5 class="white">Community</h5>
<ul class="list-unstyled white" role="menu">
Overview
Conferences
Summer of Code

```
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
<li><a href="/travel/">Travel Assistance</a></li>
<li><a href="/foundation/getinvolved.html">Get Involved</a></li>
<li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Innovation</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="http://incubator.apache.org/">Incubator</a></li>
<li><a href="http://labs.apache.org/">Labs</a></li>
<li><a href="/licenses/">Licensing</a></li>
<li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Tech Operations</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/dev/">Developer Information</a></li>
<li><a href="/dev/infrastructure.html">Infrastructure</a></li>
<li><a href="/security/">Security</a></li>
<li><a href="http://status.apache.org">Status</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Press</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/press/">Overview</a></li>
<li><a href="https://blogs.apache.org/">ASF News</a></li>
<li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
<li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
<li><a href="/press/#contact">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Legal</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/legal/">Legal Affairs</a></li>
<li><a href="/licenses/">Licenses</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
</ul>
```



```
<li><a href="/foundation/records/">Public Records</a></li>
  <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
<li><a href="/licenses/exports/">Export Information</a></li>
<li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>

<div class="col-sm-1">
</div>

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
<div class="col-lg-12">
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</div>
</div>
</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>
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Upstream-Name: schema-registry

Source: <https://github.com/confluentinc/schema-registry>

Files: *

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Files: debian/*

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1.410 guice-persist 4.2.2

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1.411 zlib 1.2.7-21.el7_9

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1.413 libuser 0.60-9.el7

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- * Cedrik Lime: parallel LZF implementation

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analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
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analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
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1.434 aws-java-sdk-

kinesisvideowebrtcstorage 1.12.377

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1.435 jackson-dataformat-yaml 2.13.3

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jar/software/amazon/awssdk/http/crt/AwsCrtSdkHttpService.java
* /opt/cola/permits/1463015931_1667606579.5067983/0/aws-crt-client-2-14-13-preview-sources-1-
jar/software/amazon/awssdk/http/crt/ConnectionHealthChecksConfiguration.java
* /opt/cola/permits/1463015931_1667606579.5067983/0/aws-crt-client-2-14-13-preview-sources-1-
jar/software/amazon/awssdk/http/crt/ProxyConfiguration.java
* /opt/cola/permits/1463015931_1667606579.5067983/0/aws-crt-client-2-14-13-preview-sources-1-
jar/software/amazon/awssdk/http/crt/internal/CrtRequestContext.java
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jar/software/amazon/awssdk/http/crt/AwsCrtAsyncHttpClient.java
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1.437 netty-transport-native-unix-common

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include/GL/gl.h :

Mesa 3-D graphics library

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 include/GL/gltext.h
 include/GL/wgltext.h :

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Little Color Management System (LCMS) v2.12

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ASM Bytecode Manipulation Framework v6.0

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The Unicode Standard, Unicode Character Database, Version 10.0.0

Unicode Character Database

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### xwd utility
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1.469 jboss-marshalling 2.0.11.Final

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1.470 classgraph 4.8.21

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 *
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 *
 * Hosted at: https://github.com/classgraph/classgraph
 *
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```

Found in path(s):

```
*/opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/WebSphereLibertyClassLoaderHandler.java
```


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 *
 * Author: Luke Hutchison
 *
 * Hosted at: https://github.com/classgraph/classgraph
 *
 * --
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```

Found in path(s):

```
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/FieldTypeInfo.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/Id.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/utils/FileUtils.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClasspathElementModule.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/EquinoxClassLoaderHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/utils/JarUtils.java
```

* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/json/JSONUtils.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/ModulePathInfo.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/PackageInfoList.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/types/TypeUtils.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/urls/URLPathEncoder.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/classpath/SystemJarFinder.java
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* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/recycler/Resetable.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/classloaderhandler/TomcatWebappClassLoaderBaseHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/MethodParameterInfo.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/GraphvizDotfileGenerator.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/Classfile.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/urls/FastPathResolver.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/classloaderhandler/ClassLoaderHandlerRegistry.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/AnnotationClassRef.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/WhiteBlackList.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/AnnotationInfoList.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/HierarchicalTypeSignature.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/TypeParameter.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/json/JSONReference.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/NestedJarHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/ArrayTypeSignature.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/nonapi/io/github/classgraph/classloaderhandler/OSGiDefaultClassLoaderHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-

jar/io/github/classgraph/MethodTypeSignature.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClasspathElementZip.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/TypeResolutions.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/recycler/RecycleOnClose.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/FallbackClassLoaderHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/JSONSerializer.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClassInfoList.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/fastzipfilereader/LogicalZipFile.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ModuleInfo.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/ScanSpec.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/Utils/LogNode.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/types/Parser.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ModuleRef.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClassRefTypeSignature.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/HasName.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/FieldInfo.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/WeblogicClassLoaderHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClassInfo.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ObjectTypedValueWrapper.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/recycler/Recycler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClassGraphException.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClassRefOrTypeVariableSignature.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/Utils/ReflectionUtils.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClasspathElementDir.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-

jar/nonapi/io/github/classgraph/classpath/CallStackReader.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/utils/CollectionUtils.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/JSONObject.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/AnnotationParameterValue.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/AnnotationInfo.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ModuleReaderProxy.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ScanResult.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ReferenceTypeSignature.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/concurrency/InterruptChecker.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/ClassLoaderHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/ParentLastDelegationOrderTestClassLoaderHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ScanResultObject.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ModuleInfoList.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/TypeVariableSignature.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classpath/ClassLoaderAndModuleFinder.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classpath/ClasspathFinder.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/fastzipfilereader/ZipFileSlice.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/JSONArray.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/JSONDeserializer.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
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* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/EquinoxContextFinderClassLoaderHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/concurrency/SingletonMap.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
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jar/nonapi/io/github/classgraph/types/ParseException.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
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* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/BaseTypeSignature.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/TypeSignature.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/Utils/Join.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/JPMSCClassLoaderHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/Resource.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/MappableInfoList.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClasspathElement.java
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jar/io/github/classgraph/ClassGraph.java
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jar/nonapi/io/github/classgraph/Utils/InputStreamOrByteBufferAdapter.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
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* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/ReferenceEqualityKey.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/AnnotationParameterValueList.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/fastzipfilereader/ZipFileSliceReader.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-jar/io/github/classgraph/InfoList.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/FieldInfoList.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/AnnotationEnumValue.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/fastzipfilereader/RecyclableInflater.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClassTypeSignature.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/PlexusClassWorldsClassRealmClassLoaderHandler.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/classpath/ClassLoaderOrder.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/ClassGraphClassLoader.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-

jar/nonapi/io/github/classgraph/classpath/ClasspathOrder.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/ParameterizedTypeImpl.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/concurrency/WorkQueue.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/io/github/classgraph/TypeArgument.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/ClassFieldCache.java
* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-
jar/nonapi/io/github/classgraph/json/JSONParser.java
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```
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* This file is part of ClassGraph.  
*  
* Author: Johno Crawford (johno@sulake.com)  
*  
* Hosted at: https://github.com/classgraph/classgraph  
*  
* --  
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* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-

jar/nonapi/io/github/classgraph/concurrency/AutoCloseableExecutorService.java

* /opt/cola/permits/1273317276_1645099928.41/0/classgraph-4-8-21-sources-

jar/nonapi/io/github/classgraph/concurrency/SimpleThreadFactory.java

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*

* Author: Michael J. Simons

*

* Hosted at: <https://github.com/classgraph/classgraph>

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jar/nonapi/io/github/classgraph/classloaderhandler/SpringBootRestartClassLoaderHandler.java

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* Author: Harith Elrifaie

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* Hosted at: <https://github.com/classgraph/classgraph>

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jar/nonapi/io/github/classgraph/classloaderhandler/JBossClassLoaderHandler.java
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* This file is part of ClassGraph.

*

* Author: Sergey Beshpalov

*

* Hosted at: <https://github.com/classgraph/classgraph>

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* Author: @jacobg on GitHub

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* Hosted at: <https://github.com/classgraph/classgraph>

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/*

* This file is part of ClassGraph.

*

* Author: Luke Hutchison (luke.hutch@gmail.com)

*

* Hosted at: <https://github.com/classgraph/classgraph>

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INF/maven/io.github.classgraph/classgraph/pom.xml

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a

copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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```

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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Subsequently modified by:

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1987 James A. Woods ames!jaw
1993 Christopher Seiwald seiwald@vix.com
2000, 2002 Christopher Seiwald <seiwald@perforce.com>
2010 Steve Bennett <steveb@workware.net.au>
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regexp/utf8.[ch] (see regexp/LICENSE):

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1.474 schema-registry-serde 1.1.1

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* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/META-INF/maven/software.amazon.glue/schema-registry-serde/pom.xml
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* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/serializers/GlueSchemaRegistrySerializerFactory.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/serializers/json/JsonSerializer.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/deserializers/GlueSchemaRegistryDeserializer.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/deserializers/json/JsonDeserializer.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/serializers/json/JsonValidator.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/serializers/GlueSchemaRegistrySerializationFacade.java

* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/deserializers/GlueSchemaRegistryDeserializerFactory.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/serializers/json/JsonDataWithSchema.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/utills/AVROUtils.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/deserializers/GlueSchemaRegistryKafkaDeserializer.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/serializers/avro/AWSKafkaAvroSerializer.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/deserializers/avro/AWSKafkaAvroDeserializer.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/serializers/GlueSchemaRegistrySerializerImpl.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/serializers/avro/AvroSerializer.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/serializers/SerializationDataEncoder.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/deserializers/GlueSchemaRegistryDeserializerDataParser.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/deserializers/avro/AvroDeserializer.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/deserializers/GlueSchemaRegistryDeserializationFacade.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/deserializers/SecondaryDeserializer.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/deserializers/GlueSchemaRegistryDeserializerImpl.java
* /opt/cola/permits/1463017602_1667606503.2021558/0/schema-registry-serde-1-1-1-sources-jar/com/amazonaws/services/schemaregistry/serializers/GlueSchemaRegistrySerializer.java

1.475 commons-codec 1.15

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```
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jar/org/jctools/queues/spec/Ordering.java  
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/SpSCUnboundedAtomicArrayQueue.java  
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/SpMCAtomicArrayQueue.java  
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MessagePassingQueueUtil.java  
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/MpMCAtomicArrayQueue.java  
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/util/UnsafeJvmInfo.java
```

* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/LinkedListAtomicNode.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCLinkedListQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedXaddArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/Preference.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MessagePassingQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SupportsIterator.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscGrowArrayQueue.java
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* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/AtomicQueueFactory.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcArrayQueue.java
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* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCLinkedListAtomicQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpmcArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/AbstractEntry.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcUnboundedXaddChunk.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscChunkedArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashMapLong.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeLongArrayAccess.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscBlockingConsumerArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseMpscLinkedListAtomicArrayQueue.java

* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashMap.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseMpscLinkedListArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java
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* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/InternalAPI.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashSet.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/Pow2.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/ConcurrentQueueSpec.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCChunkedAtomicArrayQueue.java
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* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedXaddChunk.java
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* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/LinkedListNode.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCUnboundedArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/PortableJvmInfo.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/ConcurrentCircularArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingSetInt.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseLinkedListAtomicQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscLinkedList.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeRefArrayAccess.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscCompoundQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCChunkedArrayQueue.java

- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCArrayQueue.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/QueueFactory.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscArrayQueue.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeAccess.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedArrayQueue.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCGrowAtomicArrayQueue.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/IndexedQueueSizeUtil.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCGrowArrayQueue.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/RangeUtil.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/package-info.java
- * /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseSpSCLinkedArrayQueue.java

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```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
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  <version>3.1.0</version>
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  <description>Java Concurrency Tools Core Library</description>
  <packaging>bundle</packaging>
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  <dependencies>
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    <configuration>
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</plugins>
</build>

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    <name>jctools-jctools</name>
    <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/;publish=1</url>
  </repository>
</distributionManagement>

<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

<licenses>
  <license>
    <name>Apache License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<scm>
  <url>https://github.com/JCTools/JCTools</url>
  <connection>scm:git:https://github.com/JCTools/JCTools</connection>
  <tag>HEAD</tag>
</scm>

```

```
<developers>
  <developer>
    <url>https://github.com/nitsanw</url>
  </developer>
  <developer>
    <url>https://github.com/mjpt777</url>
  </developer>
  <developer>
    <url>https://github.com/RichardWarburton</url>
  </developer>
  <developer>
    <url>https://github.com/kay</url>
  </developer>
  <developer>
    <url>https://github.com/franz1981</url>
  </developer>
</developers>

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  <maven>3.5.0</maven>
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  <java.version>1.6</java.version>
  <java.test.version>1.8</java.test.version>

  <maven.compiler.source>${java.version}</maven.compiler.source>
  <maven.compiler.target>${java.version}</maven.compiler.target>
  <maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
  <maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

  <hamcrest.version>1.3</hamcrest.version>
  <junit.version>4.12</junit.version>
  <guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>
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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

1.477 aws-java-sdk-qldb 1.12.377

1.477.1 Available under license :

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1.478 jsr305 3.0.2

1.478.1 Available under license :

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```
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* Official home: http://www.jcip.net  
*/
```

Found in path(s):

```
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-  
jar/javax/annotation/concurrent/GuardedBy.java  
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-  
jar/javax/annotation/concurrent/NotThreadSafe.java  
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-  
jar/javax/annotation/concurrent/Immutable.java  
* /opt/cola/permits/1334730768_1653653249.5131547/0/jsr305-3-0-2-sources-8-  
jar/javax/annotation/concurrent/ThreadSafe.java
```

1.479 log4j-jcl 2.17.1

1.479.1 Available under license :

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1.480 lvm2 1.02.170-6.el7_9.5

1.480.1 Available under license :

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Version 2.1, February 1999

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1.481 jackson-dataformat-smile 2.8.1

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```

com.fasterxml.jackson.dataformat.smile.SmileFactory

Found in path(s):

```
* /opt/cola/permits/1610149395_1679504927.7287896/0/jackson-dataformat-smile-2-8-1-sources-2-jar/META-INF/services/com.fasterxml.jackson.core.JsonFactory
```

1.482 jest-common 0.1.1

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1.483 aws-java-sdk-iotsecuretunneling

1.12.377

1.483.1 Available under license :

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1.484 aws-java-sdk-route53resolver 1.12.377

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1.485 popt 1.13-16.el7

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1.486 libgpg-error 1.12-3.el7

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/partitions/PartitionMetadataProvider.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/regions/LegacyRegionXmlLoadUtils.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/partitions/model/CredentialScope.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/partitions/model/Region.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/protocol/json/SdkStructuredIonFactory.java
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jar/com/amazonaws/regions/RegionMetadataFactory.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/regions/RegionImpl.java
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jar/com/amazonaws/annotation/SdkTestInternalApi.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/annotation/NotThreadSafe.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/util/ImmutableMapParameter.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/Protocol.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/config/Builder.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/config/SignerConfigJsonHelper.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/config/JsonIndex.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-

jar/com/amazonaws/annotation/package-info.java

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/**

* Interface for providing AWS region information. Implementations are free to use any strategy for

* providing region information.

*/

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jar/com/amazonaws/waiters/WaiterExecutorServiceFactory.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-

jar/com/amazonaws/util/NamedDefaultThreadFactory.java

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jar/com/amazonaws/http/conn/ssl/TLSProtocol.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/conn/ssl/SdkTLSSocketFactory.java
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Found in path(s):

```
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/auth/AWSSessionCredentialsProvider.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/jmx/JmxInfoProviderSupport.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/util/json/Jackson.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/util/ServiceClientHolderInputStream.java
```

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/util/ClassLoaderHelper.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/metrics/MetricAdmin.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/jmx/spi/JmxInfoProvider.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/BasicSessionCredentials.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/RequestClientOptions.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/metrics/MetricAdminMBean.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/jmx/spi/SdkMBeanRegistry.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/AmazonWebServiceRequest.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/config/InternalConfig.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/transform/VoidJsonUnmarshaller.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/monitoring/internal/AsynchronousAgentDispatcher.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryProviderChain.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/AmazonWebServiceClient.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/monitoring/EnvironmentVariableCsmConfigurationProvider.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/handlers/HandlerAfterAttemptContext.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/util/AWSServiceMetrics.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/util/AWSRequestMetricsFullSupport.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/endpointdiscovery/Constants.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/util/AwsClientSideMonitoringMetrics.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/transform/JsonUnmarshallerContextImpl.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/monitoring/DefaultCsmConfigurationProviderChain.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/retry/PredefinedRetryPolicies.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/policy/conditions/ArnCondition.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/AmazonWebServiceResponse.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/monitoring/MonitoringEvent.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/policy/Principal.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/config/HttpClientConfig.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/HttpResponse.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/RepeatableInputStreamRequestEntity.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/SDKGlobalConfiguration.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/conn/ClientConnectionRequestFactory.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/protocol/json/StructuredJsonMarshaller.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/WebIdentityTokenCredentialsProvider.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/policy/actions/package-info.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/policy/conditions/StringCondition.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/retry/internal/RetryModeResolver.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/client/builder/AdvancedConfig.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/config/HostRegexToRegionMappingJsonHelper.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/config/HttpClientConfigJsonHelper.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/cache/EndpointDiscoveryCacheLoader.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/metrics/RequestMetricType.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/monitoring/ApiCallMonitoringEvent.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/util/RuntimeHttpUtils.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/policy/resources/package-info.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/monitoring/ApiCallAttemptMonitoringEvent.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/util/TimeStampFormat.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/impl/client/SdkHttpRequestRetryHandler.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/IdentityEndpointBuilder.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/HttpResponseHandler.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/policy/conditions/ConditionFactory.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/DefaultRequest.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/policy/conditions/NumericCondition.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/AbstractFileTlsKeyManagersProvider.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/arn/ArnResource.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/transform/VoidStaxUnmarshaller.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/profile/internal/BasicProfileConfigFileLoader.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/monitoring/internal/AgentMonitoringListener.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/transform/JsonUnmarshallerContext.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/AnonymousAWSCredentials.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/StaxResponseHandler.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/waiters/WaiterTimedOutException.java

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*/

/**
* Interface for providing AWS credentials. Implementations are free to use any
* strategy for providing AWS credentials, such as simply providing static
* credentials that don't change, or more complicated implementations, such as
* integrating with existing key management systems.
*/

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/regions/MetadataSupportedRegionFromEndpointProvider.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/transform/PathMarshallers.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/retry/v2/RetryPolicyContext.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/SdkHttpMetadata.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/protocol/json/internal/SimpleTypeJsonMarshallers.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/profile/path/cred/CredentialsLegacyConfigLocationProvider.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/protocol/StructuredPojo.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/profile/internal/BasicProfile.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/transform/ListUnmarshaller.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/SdkFunction.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/regions/DefaultAwsRegionProviderChain.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/AmazonWebServiceRequestAdapter.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/retry/v2/FixedDelayBackoffStrategy.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/client/ClientHandlerParams.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/transform/SimpleTypeUnmarshallers.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/transform/VoidUnmarshaller.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/SignatureVersion.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/HttpMethodName.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/AWSCredentials.java
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- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/CRC32MismatchException.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/HandlerContextAware.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/ClasspathPropertiesFileCredentialsProvider.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/DynamoDBBackoffStrategy.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/CustomBackoffStrategy.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/AWSCredentialsProviderChain.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/DefaultAWSCredentialsProviderChain.java
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- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/SystemPropertiesCredentialsProvider.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/IdleConnectionReaper.java
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jar/com/amazonaws/util/NameValuePair.java
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jar/com/amazonaws/internal/ReleasableInputStream.java

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jar/com/amazonaws/regions/RegionMetadataParser.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/util/Codec.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
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jar/com/amazonaws/util/EncodingScheme.java
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jar/com/amazonaws/jmx/SdkMBeanRegistrySupport.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/timers/request/HttpRequestAbortTaskImpl.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/DelegateInputStream.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/log/CommonsLog.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/conn/SdkConnectionKeepAliveStrategy.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/timers/client/ClientExecutionAbortTask.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/SignableRequest.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/ReadLimitInfo.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/SdkSSLMetricsSocket.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/transform/JsonErrorUnmarshaller.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/http/timers/client/NoOpClientExecutionAbortTrackerTask.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-

jar/com/amazonaws/SDKGlobalTime.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/DnsResolver.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/util/JavaVersionParser.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/conn/ssl/privileged/PrivilegedMasterSecretValidator.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/log/JulLog.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/log/CommonsLogFactory.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/exception/HttpRequestTimeoutException.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/settings/HttpClientSettings.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/util/SdkHttpUtils.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/timers/request/HttpRequestAbortTaskTracker.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/client/ConnectionFactory.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/SdkMetricsSocket.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/http/JsonErrorCodeParser.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/SdkThreadLocalsRegistry.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/log/JulLogFactory.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/conn/ssl/MasterSecretValidators.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/PredefinedClientConfigurations.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/SdkThreadLocals.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/timers/request/HttpRequestAbortTaskTrackerImpl.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/SdkInternalList.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/client/HttpClientFactory.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/timers/request/HttpRequestAbortTask.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/timers/client/ClientExecutionAbortTrackerTask.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/timers/request/NoOpHttpRequestAbortTaskTracker.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-

jar/com/amazonaws/http/timers/client/ClientExecutionTimer.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/JsonErrorResponseHandler.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/handlers/StackedRequestHandler.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/timers/TimeoutThreadPoolBuilder.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/timers/client/ClientExecutionTimeoutException.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/util/NumberUtils.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/DelegateSocket.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/log/InternalLog.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/SdkIOUtils.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/http/JsonErrorMessageParser.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/SystemDefaultDnsResolver.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/util/UriResourcePathUtils.java

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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/auth/ProcessCredentialsProvider.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/event/ProgressTracker.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/event/ResponseProgressInputStream.java

* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-

jar/com/amazonaws/auth/profile/internal/securitytoken/STSProfileCredentialsServiceLoader.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/auth/internal/AWS4SignerUtils.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/DelegateSSLSocket.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/Releasable.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/event/SDKProgressPublisher.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/BoundedLinkedHashMap.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/auth/profile/internal/Profile.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/auth/profile/package-info.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/util/LengthCheckInputStream.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/auth/profile/ProfilesConfigFile.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/event/ProgressInputStream.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/FIFOCache.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/auth/profile/internal/BasicProfileConfigLoader.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/auth/profile/internal/securitytoken/RoleInfo.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/event/SyncProgressListener.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/auth/internal/SignerConstants.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/util/Platform.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/event/request/Progress.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/internal/SdkSSLSocket.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/event/ProgressEventFilter.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/http/UnreliableTestConfig.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/auth/profile/internal/securitytoken/STSProfileCredentialsServiceProvider.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-
jar/com/amazonaws/util/UnreliableFilterInputStream.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-

jar/com/amazonaws/internal/SdkInputStream.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/profile/internal/ProfileProcessCredentialsProvider.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/profile/ProfilesConfigFileWriter.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/event/RequestProgressInputStream.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/profile/ProfileCredentialsProvider.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/profile/internal/securitytoken/ProfileCredentialsService.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/SdkSocket.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/internal/SignerKey.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/profile/internal/AbstractProfilesConfigFileScanner.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/event/request/ProgressSupport.java
* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/internal/AWS4SignerRequestParams.java
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* /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/log/InternalLogApi.java

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- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/BaseCredentialsFetcher.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/ContainerCredentialsFetcher.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/CredentialsEndpointProvider.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/EndpointPrefixAwareSigner.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/ConnectionUtils.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/TokenBucket.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/ContainerCredentialsProvider.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/EC2ContainerCredentialsProviderWrapper.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/retry/RetryMode.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/InstanceMetadataServiceCredentialsFetcher.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/auth/ContainerCredentialsRetryPolicy.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/retry/internal/CredentialsEndpointRetryPolicy.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/InstanceMetadataServiceResourceFetcher.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/internal/EC2ResourceFetcher.java
- * /opt/cola/permits/1568286937_1676583714.4084063/0/aws-java-sdk-core-1-12-402-sources-jar/com/amazonaws/retry/internal/CredentialsEndpointRetryParameters.java

1.490 aws-java-sdk-lookoutmetrics 1.12.377

1.490.1 Available under license :

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1.491 guava 25.0-jre

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 * limitations under the License.
 */
/**
 * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
 * key.</b> Proper calls will resolve to the version in { @code ImmutableSortedMap }, not this dummy
 * version.
 *
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type { @code Comparable } to use { @link
 *   ImmutableSortedMap#of(Comparable, Object)}.</b>
 */
```

Found in path(s):

```
*/opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
```

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- */

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- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/CompoundOrdering.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ConcurrentHashMultiset.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ComparatorOrdering.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/AbstractMultiset.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ReverseNaturalOrdering.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableSet.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ForwardingSortedSet.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ForwardingListIterator.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/TreeMultimap.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/LinkedListMultimap.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ForwardingSortedMap.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Iterators.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ExplicitOrdering.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/LexicographicalOrdering.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Multiset.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/LinkedHashMultiset.java
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- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/HashMultimap.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/NaturalOrdering.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/NullsLastOrdering.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Multisets.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Maps.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/RegularImmutableSet.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Lists.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/GwtTransient.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SingletonImmutableList.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/RegularImmutableList.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ArrayTable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/AbstractIndexedListIterator.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableAsList.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ComputationException.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ComparisonChain.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableEnumSet.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SingletonImmutableTable.java
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 - * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/JdkBackedImmutableBiMap.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/WrappingExecutorService.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/PrimitiveSink.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/Uninterruptibles.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/CacheStats.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/math/package-info.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/Funnel.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/ForwardingCache.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/Funnels.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/Crc32cHashFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/AbstractStreamingHasher.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/UnsignedInts.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/math/IntMath.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/TypeParameter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/FutureCallback.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/AbstractHasher.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/RemovalListeners.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/Hasher.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/HashCode.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/AbstractCache.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Optional.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Enums.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/math/DoubleMath.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/CacheBuilderSpec.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/Weigher.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Queues.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/ParseRequest.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/Murmur3_32HashFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/BloomFilter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ForwardingCheckedFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/PairwiseEquivalence.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/RegularContiguousSet.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/FunctionalEquivalence.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/MessageDigestHashFunction.java
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/*  
* This following method is a modified version of one found in  
* http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30  
* which contained the following notice:  
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*  
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*/
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/MoreExecutors.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/AtomicDoubleArray.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/cache/Striped64.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/cache/LongAdder.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/hash/Striped64.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/hash/LongAdder.java
```

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 */
```

```
/*
 * This method was rewritten in Java from an intermediate step of the Murmur hash function in
 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
 * following header:
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 */
```

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```
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/base/SmallCharMatcher.java
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jar/com/google/common/math/Quantiles.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/eventbus/SubscriberRegistry.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/eventbus/Subscriber.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/eventbus/Dispatcher.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/ListenerCallQueue.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/base/MoreObjects.java

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- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SortedIterables.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ForwardingSortedMultiset.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/RangeSet.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/GeneralRange.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/RegularImmutableSortedMultiset.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/AbstractRangeSet.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SortedIterable.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableSortedMultiset.java

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- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/MacHashFunction.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AsyncCallable.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/LittleEndianByteArray.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/InterruptibleTask.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/CombinedFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/FarmHashFingerprint64.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/ReaderInputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ConsumingQueueIterator.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/Platform.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/annotations/package-info.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/package-info.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Equivalence.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Strings.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/net/package-info.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SortedLists.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/UncaughtExceptionHandler.java

```
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/ContiguousSet.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/Atomics.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/Monitor.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/ListeningExecutorService.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/annotations/Beta.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/base/Ascii.java
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```

```
*/
```

```
/**
```

```
* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain
* {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available
* under GWT but with a slightly different signature.
```

```
*
```

```
* <p>We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler wouldn't recognize
* it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.
```

```
*/
```

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```
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ImmediateFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/escape/CharEscaperBuilder.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AggregateFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/annotations/VisibleForTesting.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/FluentFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/escape/CharEscaper.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/TypeToken.java

```
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/TimeoutFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/io/AppendableWriter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/Futures.java
```

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```
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/reflect/Reflection.java
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```

```
*/
```

```
/**
```

```
* Holder for extra methods of { @code Objects } only in web. Intended to be empty for regular
* version.
```

```
*/
```

Found in path(s):

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/ExtraObjectsMethodsForWeb.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/UnmodifiableListIterator.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/RowSortedTable.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/AbstractSequentialIterator.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ForwardingSortedSetMultimap.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SortedMapDifference.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ForwardingImmutableCollection.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/MinMaxPriorityQueue.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ForwardingSetMultimap.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ForwardingListMultimap.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/primitives/ImmutableLongArray.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/primitives/ImmutableDoubleArray.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/hash/AbstractHashFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/ForwardingLock.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/ForwardingCondition.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/primitives/ImmutableIntArray.java

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*/
/**
* Returns an array containing all of the elements in the specified collection. This method
* returns the elements in the order they are returned by the collection's iterator. The returned
* array is "safe" in that no references to it are maintained by the collection. The caller is
* thus free to modify the returned array.
*
* <p>This method assumes that the collection size doesn't change while the method is running.
*
*

```
* <p>TODO(kevinb): support concurrently modified collections?
*
* @param c the collection for which to return an array of elements
*/
```

Found in path(s):

```
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/ObjectArrays.java
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jar/com/google/common/base/PatternCompiler.java
```

```
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/base/CommonPattern.java
```

```
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/base/CommonMatcher.java
```

```
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/base/JdkPattern.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/CharSequenceReader.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Utf8.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Verify.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/SubscriberExceptionHandler.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/AbstractTable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/FilteredMultimapValues.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/HashingInputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/VerifyException.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/Runnables.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/TypeVisitor.java

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jar/com/google/common/primitives/Primitives.java

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jar/com/google/common/io/LineReader.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-

jar/com/google/common/base/Predicates.java

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jar/com/google/common/base/Objects.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Function.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Defaults.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/Subscribe.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/ByteStreams.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/EnumMultiset.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Predicate.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/CountingOutputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/MultiInputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/FinalizableReference.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/FinalizableReferenceQueue.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/Resources.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ListenableFuture.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Supplier.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/FinalizableSoftReference.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/Closeables.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/Flushables.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/CharStreams.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Suppliers.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/AbstractIterator.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/DeadEvent.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/FinalizablePhantomReference.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/EventBus.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/HashBiMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/Files.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Charsets.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Preconditions.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/CountingInputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/FinalizableWeakReference.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/PredecessorsFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/InsecureRecursiveDeleteException.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/ImmutableNetwork.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/SuccessorsFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/MutableGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/Network.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/MutableNetwork.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/ImmutableGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/Graph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/Graphs.java

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*
* As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
* `java.util.HashMap` class.
*/

Found in path(s):

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/Striped.java

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Found in path(s):

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/JdkBackedImmutableMultiset.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/hash/ImmutableSupplier.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/JdkBackedImmutableSet.java

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Found in path(s):

- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/BaseGraph.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/AbstractBaseGraph.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/Traverser.java

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/*

* This method was rewritten in Java from an intermediate step of the Murmur hash function in

* <http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp>, which contained the

* following header:

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Found in path(s):

- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Hashing.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/CollectSpliterators.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableBiMapFauxverideShim.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SortedMultiset.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SortedMultisets.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/math/PairedStats.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableRangeMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/TypeToInstanceMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/math/PairedStatsAccumulator.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/math/StatsAccumulator.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/Parameter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/SipHashFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/ByteSource.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/ClassPath.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/Element.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/FileWriteMode.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/SmoothRateLimiter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/html/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/ByteSink.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/math/Stats.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableRangeSet.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/LongAddable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/CharSink.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/LongAddable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ServiceManager.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/Invokable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/FilteredKeyMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/BaseEncoding.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/escape/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/StandardSystemProperty.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/LongAddables.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/xml/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/math/LinearTransformation.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/AbstractByteHasher.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/Closer.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/ChecksumHashFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/TypeCapture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/CartesianList.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/CharSource.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/LongAddables.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/CacheBuilder.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/annotations/GwtCompatible.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/cache/LocalCache.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/ByteArrayDataOutput.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AbstractIdleService.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Splitter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SparseImmutableTable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/escape/Escapers.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/SettableFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/net/HostSpecifier.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/DenseImmutableTable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/SignedBytes.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/TypeResolver.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/LineProcessor.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-

jar/com/google/common/util/concurrent/Service.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
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jar/com/google/common/net/InternetDomainName.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/Callables.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/MapMakerInternalMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/xml/XmlEscapers.java
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jar/com/google/common/collect/MapMaker.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/ForwardingFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/escape/ArrayBasedCharEscaper.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/RegularImmutableTable.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Tables.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/RegularImmutableMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/EmptyImmutableListMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableMapEntrySet.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableMultiset.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableEntry.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/CollectPreconditions.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/StandardTable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/HashBasedTable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableCollection.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/UnmodifiableIterator.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/PeekingIterator.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableListMultimap.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Range.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/TreeBasedTable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Serialization.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableMapValues.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableSortedSet.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SingletonImmutableBiMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/RegularImmutableBiMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Platform.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Collections2.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/StandardRowSortedTable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableBiMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/Table.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/Doubles.java

* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/Shorts.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/MultiReader.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/thirdparty/publicsuffix/TrieParser.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/internal/Finalizer.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/escape/UnicodeEscaper.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/CharMatcher.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/FluentIterable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Converter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/FileBackedOutputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AbstractCheckedFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/CheckedFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/Booleans.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/net/InetAddresses.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Stopwatch.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/Bytes.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/escape/Escaper.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/Chars.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/net/PercentEscaper.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ListenableFutureTask.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/Longs.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/Ints.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/Floats.java

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jar/com/google/common/graph/NetworkBuilder.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/MoreCollectors.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/AbstractValueGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/ConfigurableMutableNetwork.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/ElementOrder.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/ValueGraph.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/GraphConnections.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/ConfigurableMutableValueGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/DirectedGraphConnections.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/UndirectedNetworkConnections.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/Comparators.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/UndirectedGraphConnections.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/DirectedMultiNetworkConnections.java
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- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/EvictingQueue.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/FilteredEntryMultimap.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/UnmodifiableSortedMultiset.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/FilteredMultimap.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/CompactHashSet.java
- * /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/TreeRangeMap.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/AllEqualOrdering.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/ForwardingNavigableMap.java

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1.493 kmod 20-28.el7

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Version 2.1, February 1999

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<http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/>
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Style-20001113/>
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Traversal-Range-20001113/>
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/>

The specification of DOM Level 1's various parts is at:
<http://www.w3.org/TR/1998/REC-DOM-Level-1-19981001/level-one-html.html>

Links to all available W3C DOM Java Bindings can be found at:
<http://www.w3.org/DOM/DOMTR>

The actual classes of The Simple API for CSS (SAC) came from:
<http://www.w3.org/Style/CSS/SAC/>
<http://www.w3.org/2002/06/sacjava-1.3.zip>

The actual DOM Java Language Binding classes for SMIL came from:
<http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/>
(both ElementTimeControl.java and TimeEvent.java were taken at revision 1.1)

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* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/package-info.java

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* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpVersion.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker08.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostMultipartRequestDecoder.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/package-info.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketVersion.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpClientCodec.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultHttpContent.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultHttpMessage.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/package-info.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java

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* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/TooLongHttpHeaderException.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/TooLongHttpLineException.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractMixedHttpData.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValidationUtil.java

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* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameEncoder.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
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* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpScheme.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/CookieUtil.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/CookieEncoder.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/EmptyHttpHeaders.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpUtil.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieDecoder.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/Cookie.java

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* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/CookieDecoder.java

* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-

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jar/io/netty/handler/codec/http/cookie/package-info.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/rtsp/RtspEncoder.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/CombinedHttpHeaders.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/rtsp/RtspDecoder.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/CookieUtil.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
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* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameDecoder.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
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jar/io/netty/handler/codec/http/HttpServerUpgradeHandler.java
* /opt/cola/permits/1536390085_1674051825.4218893/0/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/HttpClientUpgradeHandler.java
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- * /opt/cola/permits/1300532307_1649153504.59/0/jboss-marshalling-river-2-0-11-final-sources-1-jar/org/jboss/marshalling/river/BlockMarshaller.java
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- * /opt/cola/permits/1300532307_1649153504.59/0/jboss-marshalling-river-2-0-11-final-sources-1-jar/org/jboss/marshalling/river/RiverProviderDescriptor.java
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- * /opt/cola/permits/1300532307_1649153504.59/0/jboss-marshalling-river-2-0-11-final-sources-1-jar/org/jboss/marshalling/river/ExternalizerClassDescriptor.java

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1.509 jackson 2.14.0

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```
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```

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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Ty Coon, President of Vice

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1.512 aws-java-sdk-swf-libraries 1.11.22

1.512.1 Available under license :

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 */
```

Found in path(s):

```
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/generic/StartChildWorkflowExecutionParameters.java
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 */
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```
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
```

jar/com/amazonaws/services/simpleworkflow/flow/WorkflowClientFactory.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/worker/ActivityTypeExecutionOptions.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/WorkflowWorker.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/SignalExternalWorkflowException.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/generic/ContinueAsNewWorkflowExecutionParameters.java
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jar/com/amazonaws/services/simpleworkflow/flow/worker/DecisionTaskPoller.java
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jar/com/amazonaws/services/simpleworkflow/flow/annotations/Execute.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/common/FlowDefaults.java
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jar/com/amazonaws/services/simpleworkflow/flow/DynamicWorkflowClientExternal.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/ActivityTaskException.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/StartWorkflowOptions.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/test/TestDecisionContext.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/worker/Throttler.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/core/TryCatch.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/WorkflowClientExternal.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/worker/CompleteWorkflowStateMachine.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/common/FlowConstants.java
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jar/com/amazonaws/services/simpleworkflow/flow/test/TestPOJOActivityImplementationWorker.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/annotations/WorkflowRegistrationOptions.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/core/AsyncContextAware.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/WorkflowClientFactoryExternal.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/generic/ActivityImplementation.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/WorkerLifecycle.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/aspectj/AsynchronousAspectTask.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-

jar/com/amazonaws/services/simpleworkflow/flow/worker/WorkflowContextImpl.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/aspectj/AsynchronousAspect.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/WorkflowContext.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/ManualActivityCompletionClient.java
* /opt/cola/permits/1260641552_1643189279.01/0/aws-java-sdk-swf-libraries-1-11-22-sources-
jar/com/amazonaws/services/simpleworkflow/flow/ActivityTaskFailedException.java
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1.513 python-gobject-base 3.22.0-1.el7_4.1

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 */
```

Found in path(s):

```
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/impl/Operator.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/Expression.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/UriUtil.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/UriTransient.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/impl/Modifier.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/VariableExpansionException.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/VarName.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/VarExploder.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/impl/VarSpec.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/UriTemplate.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/DefaultVarExploder.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/impl/UriTemplateParser.java
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
```

jar/com/damnhandy/uri/template/impl/VarExploderFactory.java
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Found in path(s):

```
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-
jar/com/damnhandy/uri/template/MalformedUriTemplateException.java
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Found in path(s):

```
* /opt/cola/permits/1273317603_1645099869.69/0/handy-uri-templates-2-1-8-sources-jar/META-
INF/maven/com.damnhandy/handy-uri-templates/pom.xml
```

1.518 logback-throttling-appender 1.1.9

1.518.1 Available under license :

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Found in path(s):

```
* /opt/cola/permits/1368298591_1658301187.6939363/0/logback-throttling-appender-1-1-9-1-jar/META-
INF/maven/io.dropwizard.logback/logback-throttling-appender/pom.xml
```

1.519 httpclient-cache 4.5.13

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1.520 dropwizard-lifecycle 2.0.34

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jar/io/grpc/protobuf/lite/ProtoInputStream.java
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jar/io/grpc/protobuf/lite/package-info.java
```

1.525 amazon-kinesis-producer 0.14.9

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1.526 dropwizard-configuration 2.0.34

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1.527 aws-java-sdk-ssooidc 1.12.377

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* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/SegmentedDatagramPacket.java

* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/EpollDomainDatagramChannelConfig.java

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* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java
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* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java

* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/EpollMode.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/EpollChannelConfig.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/EpollEventArray.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/EpollServerChannelConfig.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/AbstractEpollServerChannel.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/TcpMd5Util.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.java
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* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/AbstractEpollChannel.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-jar/io/netty/channel/epoll/EpollEventLoop.java
* /opt/cola/permits/1538634193_1674199647.5226104/0/netty-transport-classes-epoll-4-1-87-final-sources-

jar/io/netty/channel/epoll/Epoll.java

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/**

* Set the { @code TCP_MD5SIG } option on the socket. See { @code linux/tcp.h } for more details.

* Keys can only be set on, not read to prevent a potential leak, as they are confidential.

* Allowing them being read would mean anyone with access to the channel could get them.

*/

/**

* Set the { @code TCP_QUICKACK } option on the socket.

* See [TCP_QUICKACK](https://linux.die.net/man/7/tcp)

* for more details.

*/

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*/
/**
 * Set the { @code TCP_MD5SIG } option on the socket. See { @code linux/tcp.h } for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */

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/**

* Checks if this content model has had its min/maxOccurs values reduced for
* purposes of speeding up UPA. If so, this content model should not be used
* for any purpose other than checking unique particle attribution

*
* @return a boolean that says whether this content has been compacted for UPA
*/

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/**

* DOM Level 3 LS CR - Experimental.

* Create a new `LSParser`. The newly constructed parser may
* then be configured by means of its `DOMConfiguration`
* object, and used to parse documents by means of its `parse`
* method.

* @param mode The `mode` argument is either

* `MODE_SYNCHRONOUS` or `MODE_ASYNCHRONOUS`, if

* `mode` is `MODE_SYNCHRONOUS` then the

* `LSParser` that is created will operate in synchronous

* mode, if it's `MODE_ASYNCHRONOUS` then the

* `LSParser` that is created will operate in asynchronous

* mode.

* @param schemaType An absolute URI representing the type of the schema

* language used during the load of a `Document` using the

* newly created `LSParser`. Note that no lexical checking

* is done on the absolute URI. In order to create a

* `LSParser` for any kind of schema types (i.e. the

* `LSParser` will be free to use any schema found), use the value

* `null`.

* <p>Note: For W3C XML Schema [<http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/>] XML Schema Part 1]

* , applications must use the value

- * `"http://www.w3.org/2001/XMLSchema"`. For XML DTD [[XML 1.0](http://www.w3.org/TR/2000/REC-xml-20001006)],
- * applications must use the value
- * `"http://www.w3.org/TR/REC-xml"`. Other Schema languages
- * are outside the scope of the W3C and therefore should recommend an
- * absolute URI in order to use this method.
- * @return The newly created `LSParser` object. This
- * `LSParser` is either synchronous or asynchronous
- * depending on the value of the `mode` argument.
- * **Note:** By default, the newly created `LSParser`
- * does not contain a `DOMErrorHandler`, i.e. the value of
- * the "[parameter-error-handler](http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler)"
- * configuration parameter is `null`. However, implementations
- * may provide a default error handler at creation time. In that case,
- * the initial value of the `"error-handler"` configuration
- * parameter on the new created `LSParser` contains a
- * reference to the default error handler.
- * @exception DOMException
- * NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
- * not supported.

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 */
/**
```

```
 * used to check the 3 constraints against each complex type
 * (should be each model group):
 * Unique Particle Attribution, Particle Derivation (Restriction),
 * Element Declarations Consistent.
 */
```

Found in path(s):

```
 * /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/XSConstraints.java
```

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Found in path(s):

* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDocumentInfo.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDElementTraverser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLErrorHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLFrameElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XMLEntityDescriptionImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/ShadowedSymbolTable.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/ObjectListImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLImgElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLOptgroupElement.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLInputSource.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLImgElement.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredCDATASectionImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDAbstractIDConstraintTraverser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLTimerElementImpl.java
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLWmlElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/AnySimpleDV.java
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultXMLDocumentHandler.java
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dv/xs/YearMonthDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/XSModelGroupImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dv/xs/XSSimpleTypeDecl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/traversers/XSDHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dv/xs/DayDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/XMLSchemaValidator.java

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jar/org/apache/xerces/impl/msg/XMLSchemaMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/DOMMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XPointerMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/DatatypeMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message_fr.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/SAXMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XIncludeMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XMLMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XMLSerializerMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message_ja.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/JAXPValidationMessages.properties
```

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jar/org/apache/xerces/impl/xs/models/XSDFACM.java

1.540 aws-java-sdk-kms 1.12.377

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1.541 aws-java-sdk-ssm 1.12.377

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1.543 asm 5.0.3

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*/

/**

* Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
* version.

*

* @param owner

* the owner's class name.

* @param access

* the method's access flags (see {@link Opcodes}).

* @param name

* the method's name.

* @param desc

* the method's descriptor (see {@link Type Type}).

* @param mv

* the method visitor to which this adapter delegates calls. May

* be <tt>null</tt>.

* @throws IllegalStateException

* If a subclass calls this constructor.

*/

Found in path(s):

* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/AnalyzerAdapter.java

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*/

/**

* Creates a new { @link GeneratorAdapter}. *<i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* { @link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
* version.
*
* @param mv
* the method visitor to which this adapter delegates calls.
* @param access
* the method's access flags (see { @link Opcodes}).
* @param name
* the method's name.
* @param desc
* the method's descriptor (see { @link Type Type}).
* @throws IllegalStateException
* If a subclass calls this constructor.
/

Found in path(s):

* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/TypeReference.java
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*/

/**

* Creates a new JSRInliner. *<i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* { @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
* version.
*
* @param mv
* the `MethodVisitor` to send the resulting inlined
* method code to (use `null` for none).
* @param access
* the method's access flags (see { @link Opcodes}). This
* parameter also indicates if the method is synthetic and/or
* deprecated.
* @param name
* the method's name.
* @param desc
* the method's descriptor (see { @link Type}).
* @param signature
* the method's signature. May be `null`.
* @param exceptions
* the internal names of the method's exception classes (see
* { @link Type#getInternalName() getInternalName}). May be
* `null`.
* @throws IllegalStateException
* If a subclass calls this constructor.
/

Found in path(s):

* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

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 */
 /**
 * Constructs a new {@link LocalVariableAnnotationNode}. *<i>Subclasses must*
 * not use this constructor*</i>. Instead, they must use the*
 * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See {@link TypeReference}.
 * @param typePath
 * the path to the annotated type argument, wildcard bound, array
 * element type, or static inner type within 'typeRef'. May be
 * `<tt>null</tt>` if the annotation targets 'typeRef' as a whole.
 * @param start
 * the first instructions corresponding to the continuous ranges
 * that make the scope of this local variable (inclusive).
 * @param end
 * the last instructions corresponding to the continuous ranges
 * that make the scope of this local variable (exclusive). This
 * array must have the same size as the 'start' array.
 * @param index
 * the local variable's index in each range. This array must have
 * the same size as the 'start' array.
 * @param desc

* the class descriptor of the annotation class.

*/

Found in path(s):

* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java

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- * /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/package.html
- * /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
- jar/org/objectweb/asm/signature/package.html
- * /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
- jar/org/objectweb/asm/tree/analysis/package.html
- * /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
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*/

/**

* Constructs a new {@link Textifier}. *Subclasses must not use this*
* constructor*.* Instead, they must use the {@link #Textifier(int)}
* version.
*
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/Textifier.java

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```

```
*/
```

```
/**
```

```
* Constructs a new {@link ClassNode}. Subclasses must not use this
* constructor. Instead, they must use the {@link #ClassNode(int)}
* version.
*
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/
```

Found in path(s):

```
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```
*/
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- jar/org/objectweb/asm/xml/SAXClassAdapter.java
- * /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
- jar/org/objectweb/asm/xml/SAXAdapter.java
- * /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
- jar/org/objectweb/asm/xml/SAXCodeAdapter.java
- * /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
- jar/org/objectweb/asm/xml/ASMContentHandler.java
- * /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
- jar/org/objectweb/asm/xml/SAXFieldAdapter.java
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jar/org/objectweb/asm/optimizer/ClassOptimizer.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/analysis/Value.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Label.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Item.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/StaticInitMerger.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/analysis/Frame.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/MethodVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/ClassVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/Remapper.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/VarInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/LocalVariablesSorter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/AnnotationNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/TypeInsnNode.java

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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Edge.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/Method.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/MethodNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/LocalVariableNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/FrameNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/JarOptimizer.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/Shrinker.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/MethodInsnNode.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java

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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Type.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/InsnList.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/IncInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/CheckClassAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Handler.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/FieldVisitor.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/TraceClassVisitor.java

* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/AbstractInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/InsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/AdviceAdapter.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Opcodes.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/ASMifier.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/Printer.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/NameMapping.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/FieldInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/tree/JumpInsnNode.java
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jar/org/objectweb/asm/commons/InstructionAdapter.java
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jar/org/objectweb/asm/optimizer/shrink.properties
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-
writer.properties
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-
resize.properties
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-
signatures.properties
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-
annotations.properties
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-
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```
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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

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From dso/aix/dso.c:

* Based on libdl (dlfcn.c/dlfcn.h) which is

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From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.

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From strings/apr_sprintf.c:

```
*  
* cvt - IEEE floating point formatting routines.  
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*
```

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*/

```
package java.security;
```

```
import java.io.Serializable;
```

```
/**
```

```
* Legacy security code; do not use.
```

```
*/
```

```
public abstract class Permission implements Guard, Serializable {  
    public Permission(String name) { }
```

```
    public final String getName() { return null; }
```

```
    public void checkGuard(Object obj) throws SecurityException { }
```

```
    public PermissionCollection newPermissionCollection() {  
        return new AllPermissionCollection();  
    }
```

```
    public abstract String getActions();
```

```
    public abstract boolean implies(Permission permission);
```

}

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* file name: UBiDiProps.java
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* created on: 2005jan16
* created by: Markus W. Scherer
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* Low-level Unicode bidi/shaping properties access.
* Java port of ubidi_props.h/c.

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<code>Replaceable</code> is an interface representing a string of characters that supports the replacement of a range of itself with a new string of characters. It is used by APIs that

change a piece of text while retaining metadata. Metadata is data other than the Unicode characters returned by `char32At()`. One example of metadata is style attributes; another is an edit history, marking each character with an author and revision number.

An implicit aspect of the `Replaceable` API is that during a replace operation, new characters take on the metadata of the old characters. For example, if the string "the **bold** font" has range (4, 8) replaced with "strong", then it becomes "the **strong** font".

`Replaceable` specifies ranges using a start offset and a limit offset. The range of characters thus specified includes the characters at offset `start..limit-1`. That is, the start offset is inclusive, and the limit offset is exclusive.

`Replaceable` also includes API to access characters in the string: `length()`, `charAt()`, `char32At()`, and `extractBetween()`.

For a subclass to support metadata, typical behavior of `replace()` is the following:

-

- Set the metadata of the new text to the metadata of the first character replaced

- If no characters are replaced, use the metadata of the previous character

- If there is no previous character (i.e. `start == 0`), use the following character

- If there is no following character (i.e. the replaceable was empty), use default metadata

- If the code point U+FFFF is seen, it should be interpreted as a special marker having no metadata

-

If this is not the behavior, the subclass should document any differences.

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@author Alan Liu

@stable ICU 2.0

`ReplaceableString` is an adapter class that implements the `Replaceable` API around an ordinary `StringBuffer`.

Note: This class does not support attributes and is not

intended for general use. Most clients will need to implement
{ @link Replaceable } in their text representation class.

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@see Replaceable

@author Alan Liu

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JUnit

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1.561 guava 30.1.1-android

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```
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/Atomics.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/Strings.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/Ascii.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ContiguousSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/Monitor.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/Equivalence.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/SortedLists.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/UncaughtExceptionHandler.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/primitives/package-info.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/annotations/Beta.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/ListeningExecutorService.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/annotations/package-info.java
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jar/com/google/common/eventbus/SubscriberRegistry.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/MoreObjects.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/math/Quantiles.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/eventbus/Subscriber.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/eventbus/Dispatcher.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
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- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/Splitter.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/io/ByteArrayDataInput.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/annotations/GwtIncompatible.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/MapMakerInternalMap.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/Service.java
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- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/AbstractService.java
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jar/com/google/common/reflect/TypeResolver.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/MapMaker.java
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jar/com/google/common/cache/ReferenceEntry.java
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jar/com/google/common/net/InternetDomainName.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/html/HtmlEscapers.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/DenseImmutableTable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/net/UrlEscapers.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/Callables.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/SettableFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/SignedBytes.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/escape/ArrayBasedCharEscaper.java
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jar/com/google/common/io/ByteProcessor.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/xml/XmlEscapers.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/UnsignedBytes.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/escape/Platform.java
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jar/com/google/common/base/Platform.java

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*/
/**
* Holder for web specializations of methods of { @code Floats }. Intended to be empty for regular
* version.
*/
```

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```
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* As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/reflect/TypeVisitor.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/VerifyException.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/Runnables.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/Verify.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/hash/HashingInputStream.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/Utf8.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/FilteredMultimapValues.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/io/CharSequenceReader.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/eventbus/SubscriberExceptionHandler.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/MultimapBuilder.java

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jar/com/google/common/base/Preconditions.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/Resources.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/package-info.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/FinalizablePhantomReference.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Suppliers.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Charsets.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/LineReader.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/FinalizableSoftReference.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/CharStreams.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Predicate.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-

jar/com/google/common/io/ByteStreams.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/Primitives.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/LineBuffer.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/FinalizableWeakReference.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Predicates.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Functions.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/AbstractIterator.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/package-info.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/HashBiMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/eventbus/DeadEvent.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/FinalizableReference.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/eventbus/Subscribe.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Objects.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Supplier.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/MultiInputStream.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/Interners.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/EnumMultiset.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/package-info.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Defaults.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Function.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/FinalizableReferenceQueue.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/Closeables.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-

jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/Files.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/eventbus/EventBus.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/CountingOutputStream.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Throwables.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/ListenableFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/DirectExecutor.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/CountingInputStream.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/Flushables.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/eventbus/package-info.java
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jar/com/google/common/base/Converter.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/net/PercentEscaper.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-

jar/com/google/thirdparty/publicsuffix/TrieParser.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/Booleans.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/internal/Finalizer.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/Doubles.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/CharMatcher.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/Floats.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/SequentialExecutor.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/Bytes.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/ListenableFutureTask.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/FluentIterable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Stopwatch.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/FileBackedOutputStream.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/Shorts.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/Ints.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/Chars.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/MultiReader.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Joiner.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/escape/UnicodeEscaper.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/Longs.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/net/InetAddresses.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/escape/Escaper.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/RangeSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/SortedIterable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/SortedIterables.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/AbstractRangeSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableSortedMultiset.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/GeneralRange.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/RegularImmutableSortedMultiset.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingSortedMultiset.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/Count.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/hash/LongAdder.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/cache/Striped64.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/cache/LongAdder.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/hash/Striped64.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/AtomicDoubleArray.java
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*/

/**

* Holder for web specializations of methods of {`Doubles`}. Intended to be empty for regular
* version.

*/

Found in path(s):

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/primitives/DoublesMethodsForWeb.java
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*/

/**

* Not supported. **You are attempting to create a map that may contain a non-{@code Comparable}**
* **key.** Proper calls will resolve to the version in {`ImmutableSortedMap`}, not this dummy
* version.

*

```
* @throws UnsupportedOperationException always
* @deprecated <b>Pass a key of type { @code Comparable } to use { @link
*   ImmutableSortedMap#of(Comparable, Object)}.</b>
*/
```

Found in path(s):

```
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/reflect/Reflection.java
```

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```

Found in path(s):

```
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
```

jar/com/google/common/collect/GwtTransient.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-

jar/com/google/common/util/concurrent/IgnoreJRERRequirement.java

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*/

/**

* Holder for extra methods of { @code Objects } only in web. Intended to be empty for regular

* version.

*/

Found in path(s):

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-

jar/com/google/common/base/ExtraObjectsMethodsForWeb.java

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*/

/**

* Returns an array containing all of the elements in the specified collection. This method

* returns the elements in the order they are returned by the collection's iterator. The returned

* array is "safe" in that no references to it are maintained by the collection. The caller is

* thus free to modify the returned array.

*

* <p>This method assumes that the collection size doesn't change while the method is running.

*

* <p>TODO(kevinb): support concurrently modified collections?

*

* @param c the collection for which to return an array of elements

*/

Found in path(s):

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-

jar/com/google/common/collect/ObjectArrays.java

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- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/SuccessorsFunction.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/Graph.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/PredecessorsFunction.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/ImmutableGraph.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/Graphs.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/MutableGraph.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/Network.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/MutableNetwork.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/ImmutableNetwork.java

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- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/FilteredEntrySetMultimap.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingImmutableSet.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/SortedMultisetBridge.java
- * /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/DescendingImmutableSortedSet.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/FilteredKeySetMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableEnumMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/FilteredEntryMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/DescendingMultiset.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/TreeRangeMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingNavigableSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/AllEqualOrdering.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/TreeTraverser.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/RegularImmutableAsList.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/CompactHashMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/TransformedIterator.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingDeque.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingNavigableMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/TransformedListIterator.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingBlockingDeque.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingImmutableList.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/AbstractMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/CompactHashSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/EvictingQueue.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/FilteredSetMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/CompactLinkedHashMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/CompactLinkedHashSet.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/AbstractNavigableMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingImmutableMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/FilteredKeyListMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/RangeMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/FilteredMultimap.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/PatternCompiler.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/CommonPattern.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/CommonMatcher.java

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jar/com/google/common/hash/LittleEndianByteArray.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/hash/MacHashFunction.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/ReaderInputStream.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/Platform.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ConsumingQueueIterator.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/AsyncCallable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/hash/FarmHashFingerprint64.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/CombinedFuture.java

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jar/com/google/common/hash/ImmutableSupplier.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/ExecutionSequencer.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/io/Java8Compatibility.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/OverflowAvoidingLockSupport.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/hash/Java8Compatibility.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/math/ToDoubleRounder.java

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*/

/**

* Outer class that exists solely to let us write { @code Partially.GwtIncompatible } instead of plain

* {`GwtIncompatible`}. This is more accurate for {[@link Futures#catching](#)}, which is available
* under GWT but with a slightly different signature.
*
* <p>We can't use {`PartiallyGwtIncompatible`} because then the GWT compiler wouldn't recognize
* it as a {`GwtIncompatible`} annotation. And for {`Futures.catching`}, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.
*/

Found in path(s):

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/Partially.java

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jar/com/google/common/util/concurrent/ServiceManagerBridge.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/Java8Usage.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/io/CharSource.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/CartesianList.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableRangeMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/escape/package-info.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/hash/LongAddable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/io/BaseEncoding.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/io/ByteSource.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/math/PairedStatsAccumulator.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/reflect/ClassPath.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/math/StatsAccumulator.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/io/Closer.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/xml/package-info.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/SmoothRateLimiter.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/math/PairedStats.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/reflect/Invokable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/reflect/TypeCapture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/math/Stats.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-

jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/reflect/Parameter.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/reflect/TypeToInstanceMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/reflect/Element.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/cache/LongAddables.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/FileWriteMode.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/ByteSink.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/ServiceManager.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/base/StandardSystemProperty.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/io/CharSink.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/hash/AbstractByteHasher.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/math/LinearTransformation.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/html/package-info.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/hash/SipHashFunction.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/reflect/package-info.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/hash/ChecksumHashFunction.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableRangeSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/FilteredKeyMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/cache/LongAddable.java
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jar/com/google/common/hash/AbstractHashFunction.java
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jar/com/google/common/util/concurrent/ForwardingLock.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/util/concurrent/ForwardingCondition.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/ImmutableDoubleArray.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/ImmutableIntArray.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/ImmutableLongArray.java
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jar/com/google/common/collect/ObjectCountLinkedHashMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/graph/Traverser.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/graph/AbstractBaseGraph.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/graph/BaseGraph.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ObjectCountHashMap.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/ClosingFuture.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/hash/AbstractHasher.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/primitives/UnsignedInts.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/primitives/UnsignedLongs.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/hash/Crc32cHashFunction.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/cache/CacheLoader.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/cache/AbstractCache.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/math/package-info.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/AsyncFunction.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/hash/AbstractNonStreamingHashFunction.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/primitives/ParseRequest.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/hash/Funnel.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/cache/RemovalNotification.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/TreeRangeSet.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/cache/Weigher.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/Uninterruptibles.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/cache/LoadingCache.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/Present.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/math/MathPreconditions.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/AbstractSortedMultiset.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/AbstractScheduledService.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/RegularContiguousSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/cache/CacheStats.java
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/PairwiseEquivalence.java
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/EmptyContiguousSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/reflect/TypeParameter.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/RegularImmutableMultiset.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/primitives/UnsignedInteger.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/net/MediaType.java

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jar/com/google/common/collect/SortedMultisets.java
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jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/LinkedHashMapMultimapGwtSerializationDependencies.java
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/graph/MapIteratorCache.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/graph/ForwardingNetwork.java
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jar/com/google/common/graph/DirectedGraphConnections.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/graph/StandardValueGraph.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/HashMapMultimapGwtSerializationDependencies.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/NetworkBuilder.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/EdgesConnecting.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/ElementOrder.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/StandardMutableGraph.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/GraphConstants.java
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/NetworkConnections.java
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/UndirectedGraphConnections.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/ValueGraph.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/GraphBuilder.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/EndpointPairIterator.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/Comparators.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/DirectedNetworkConnections.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/ForwardingGraph.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/StandardMutableNetwork.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/GraphConnections.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/EndpointPair.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/RangeGwtSerializationDependencies.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/MultiEdgesConnecting.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/ForwardingValueGraph.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/AbstractValueGraph.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/graph/ValueGraphBuilder.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingSortedSetMultimap.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/RowSortedTable.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingImmutableCollection.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/AbstractSequentialIterator.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/UnmodifiableListIterator.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-

jar/com/google/common/collect/ForwardingListMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/MinMaxPriorityQueue.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/SortedMapDifference.java
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/RegularImmutableSortedSet.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ArrayTable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableSortedMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingTable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/DiscreteDomain.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/RegularImmutableList.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableSetMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableAsList.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/SingletonImmutableTable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/EmptyImmutableSetMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ComputationException.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ComparisonChain.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/AbstractIndexedListIterator.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableEnumSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableTable.java
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*/

/**

* Holder for web specializations of methods of { @code Ints }. Intended to be empty for regular

* version.

*/

Found in path(s):

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/primitives/IntsMethodsForWeb.java

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/*

* This method was rewritten in Java from an intermediate step of the Murmur hash function in
* <http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp>, which contained the
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*/

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/SmallCharMatcher.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/annotations/VisibleForTesting.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/FuturesGetChecked.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/io/AppendableWriter.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/Futures.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/reflect/TypeToken.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/escape/CharEscaperBuilder.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/FluentFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/AggregateFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/escape/CharEscaper.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/ImmediateFuture.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/base/CaseFormat.java

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jar/com/google/common/collect/ImmutableEntry.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/CollectPreconditions.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableMapEntrySet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableCollection.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/Table.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableSortedSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/UnmodifiableIterator.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableBiMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/TreeBasedTable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/RegularImmutableBiMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/Platform.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
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jar/com/google/common/collect/ImmutableListMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/Tables.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/Range.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/HashBasedTable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/RegularImmutableMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/Collections2.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableMultiset.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/StandardTable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/Serialization.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/StandardRowSortedTable.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/PeekingIterator.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/EmptyImmutableListMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ImmutableMapValues.java
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/BaseImmutableMultimap.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingSortedSet.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableList.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingCollection.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/Multisets.java

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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/NullsLastOrdering.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ImmutableSet.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ForwardingMapEntry.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/ClassToInstanceMap.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-jar/com/google/common/collect/AbstractMapEntry.java

* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-

jar/com/google/common/collect/SingletonImmutableSet.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/ListMultimap.java
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jar/com/google/common/collect/ArrayListMultimap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-


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jar/com/google/common/collect/ByFunctionOrdering.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
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* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/EnumHashBiMap.java
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/collect/LinkedHashMultiset.java
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* the License.
*/
/**
* Holder for web specializations of methods of { @code Shorts}. Intended to be empty for regular
* version.
*/
```

Found in path(s):

```
* /opt/cola/permits/1148655839_1618904031.03/0/guava-30-1-1-android-sources-
jar/com/google/common/primitives/ShortsMethodsForWeb.java
```

1.562 aws-java-sdk-synthetics 1.12.377

1.562.1 Available under license :

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1.563 bean-validation-api 2.0.1.Final

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1.564 jackson-jaxrs-base 2.10.5

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1.565 jackson-databind 2.13.3

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1.566 aws-java-sdk-ssmcontacts 1.12.377

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1.567 iputils 20160308-10.el7

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1.568 kerberos 1.15.1-55.el7_9

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cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
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lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
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lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
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lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

- lib/gssapi/generic/gssapi_err_generic.et
- lib/gssapi/mechglue/g_accept_sec_context.c
- lib/gssapi/mechglue/g_acquire_cred.c
- lib/gssapi/mechglue/g_canon_name.c
- lib/gssapi/mechglue/g_compare_name.c
- lib/gssapi/mechglue/g_context_time.c
- lib/gssapi/mechglue/g_delete_sec_context.c
- lib/gssapi/mechglue/g_dsp_name.c
- lib/gssapi/mechglue/g_dsp_status.c
- lib/gssapi/mechglue/g_dup_name.c
- lib/gssapi/mechglue/g_exp_sec_context.c
- lib/gssapi/mechglue/g_export_name.c
- lib/gssapi/mechglue/g_glue.c
- lib/gssapi/mechglue/g_imp_name.c
- lib/gssapi/mechglue/g_imp_sec_context.c
- lib/gssapi/mechglue/g_init_sec_context.c
- lib/gssapi/mechglue/g_initialize.c
- lib/gssapi/mechglue/g_inquire_context.c
- lib/gssapi/mechglue/g_inquire_cred.c
- lib/gssapi/mechglue/g_inquire_names.c
- lib/gssapi/mechglue/g_process_context.c
- lib/gssapi/mechglue/g_rel_buffer.c
- lib/gssapi/mechglue/g_rel_cred.c
- lib/gssapi/mechglue/g_rel_name.c
- lib/gssapi/mechglue/g_rel_oid_set.c
- lib/gssapi/mechglue/g_seal.c
- lib/gssapi/mechglue/g_sign.c
- lib/gssapi/mechglue/g_store_cred.c

lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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1.580 zstd-jni 1.4.9-1

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Manifest-Version: 1.0

Automatic-Module-Name: com.github.luben.zstd_jni

Bnd-LastModified: 1615191527618

Bundle-Description: JNI bindings for Zstd native library that provides fast and high compression lossless algorithm for Java and all JVM languages.

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Bundle-ManifestVersion: 2

Bundle-Name: zstd-jni

Bundle-NativeCode: aix/ppc64/libzstd-jni.so;osname=AIX;processor=ppc64

, darwin/x86_64/libzstd-jni.dylib;osname=MacOS;osname=MacOSX;processor=x86_64, darwin/aarch64/libzstd-jni.dylib;osname=MacOS;osname=MacOSX;processor=aarch64, freebsd/amd64/libzstd-jni.so;osname=FreeBSD;processor=amd64, freebsd/i386/libzstd-jni.so;osname=FreeBSD;processor=i386, linux/aarch64/libzstd-jni.so;osname=Linux;processor=aarch64, linux/amd64/libzstd-jni.so;osname=Linux;processor=amd64, linux/arm/libzstd-jni.so;osname=Linux;processor=arm, linux/i386/libzstd-jni.so;osname=Linux;processor=i386, linux/mips64/libzstd-jni.so;osname=Linux;processor=mips64, linux/ppc64/libzstd-jni.so;osname=Linux;processor=ppc64, linux/ppc64le/libzstd-jni.so;osname=Linux;processor=ppc64le, linux/s390x/libzstd-jni.so;osname=Linux;processor=s390x, win/amd64/libzstd-jni.dll;osname=Win32;processor=amd64, win/x86/libzstd-jni.dll;osname=Win32;processor=x86
Bundle-SymbolicName: com.github.luben.zstd-jni
Bundle-Vendor: com.github.luben
Bundle-Version: 1.4.9.1
Created-By: 1.8.0_275 (Debian)
Export-Package: com.github.luben.zstd;version="1.4.9.1",com.github.luben.zstd.util;version="1.4.9.1"
Implementation-Title: zstd-jni
Implementation-Vendor: com.github.luben
Implementation-Vendor-Id: com.github.luben
Implementation-Version: 1.4.9-1
Import-Package: org.osgi.framework;resolution:=optional
Private-Package: linux.amd64,linux.i386,linux.aarch64,linux.arm,linux.ppc64,linux.ppc64le,linux.mips64,linux.s390x,aix.ppc64,darwin.x86_64,darwin.aarch64,win.amd64,win.x86,freebsd.amd64,freebsd.i386
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"
Specification-Title: zstd-jni
Specification-Vendor: com.github.luben
Specification-Version: 1.4.9-1
Tool: Bnd-4.0.0.201805111645

Found in path(s):

* /opt/cola/permits/1176808707_1624967190.04/0/zstd-jni-1-4-9-1-jar/META-INF/MANIFEST.MF

1.581 aws-java-sdk-elasticache 1.12.377

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1.582 netty-nio-client 2.17.85

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1.583 javax-inject 1

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1.584 websocket-common 9.4.49.v20220914

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api
- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.585 aws-java-sdk-cloudhsmv2 1.12.377

1.585.1 Available under license :

Apache-2.0

1.586 netty-transport 4.1.87.Final

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include/GL/gl.h :

Mesa 3-D graphics library

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include/GL/wglxext.h :

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CUP Parser Generator for Java v 0.11b

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* /opt/ws_local/PERMITS_SQL/1041687624_1590960580.15/0/feign-core-8-15-1-sources-jar/feign/Response.java
* /opt/ws_local/PERMITS_SQL/1041687624_1590960580.15/0/feign-core-8-15-1-sources-jar/feign/Feign.java
* /opt/ws_local/PERMITS_SQL/1041687624_1590960580.15/0/feign-core-8-15-1-sources-jar/feign/RequestInterceptor.java
* /opt/ws_local/PERMITS_SQL/1041687624_1590960580.15/0/feign-core-8-15-1-sources-jar/feign/Contract.java
* /opt/ws_local/PERMITS_SQL/1041687624_1590960580.15/0/feign-core-8-15-1-sources-jar/feign/Target.java

1.610 jetty-io 9.4.49.v20220914

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Eclipse

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javafx.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.614 dropwizard-request-logging 2.0.34

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<https://maven.apache.org/plugin-tools/maven-plugin-annotations/project-info.html>

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Special Recognition

One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large chunks of code. Norwood S came forward and worked with me to setup a large build machine, then tune the build process and help improve the overall build, test and validate process we were using. This build machine he donated to the project was about 5 times more capable than the

entire buildsystem we had. And he did this out of his own pocket, from his own time, and has since upgraded the machine as well. It's now a 128GB, 48 core machine, with 4 SSD's and 4 sata disks : but the key metric is that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix, AZ, USA for his continued support for the project.

Contributors:

The Red Hat developers, without whom CentOS would look very different

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1.623 aws-java-sdk-migrationhubconfig

1.12.377

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1.624 tzdata 2022g-1.el7

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1.625 metrics-servlets 4.1.33

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Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics.servlets

Build-Jdk-Spec: 1.8

Bundle-Description: A set of utility servlets for Metrics, allowing you to expose valuable information about your production environment.

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Utility Servlets

Bundle-SymbolicName: io.dropwizard.metrics.servlets

Bundle-Version: 4.1.33

Created-By: Apache Maven Bundle Plugin 5.1.8

Export-Package: com.codahale.metrics.servlets;uses:="com.codahale.metrics,com.codahale.metrics.health,com.fasterxml.jackson.databind,javax.servlet,javax.servlet.http";version="4.1.33"

Implementation-Title: Metrics Utility Servlets

Implementation-Version: 4.1.33

Import-Package: javax.servlet;version="[2.5.0,4.0.0)",javax.servlet.http;version="[2.5.0,4.0.0)",com.codahale.metrics;version="[4.1,5)",com.codahale.metrics.health;version="[4.1,5)",com.codahale.metrics.json;version="[4.1,5)",com.codahale.metrics.jvm;version="[4.1,5)",com.fasterxml.jackson.databind;version="[2.9,3)",com.fasterxml.jackson.databind.util;version="[2.9,3)",com.papertrail.profiler;version="[1.1,2)"

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /opt/cola/permits/1480501845_1668971417.0605376/0/metrics-servlets-4-1-33-jar/META-INF/MANIFEST.MF

1.626 aws-java-sdk-worklink 1.12.377

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1.627 commons-io 2.8.0

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```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
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```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

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```
## CLASSPATH EXCEPTION
```

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Source Code

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* <https://github.com/eclipse-ee4j/glassfish-ha-api>

* <https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor>

- * <https://github.com/eclipse-ee4j/glassfish-shoal>
- * <https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck>
- * <https://github.com/eclipse-ee4j/glassfish-jsftemplating>
- * <https://github.com/eclipse-ee4j/glassfish-hk2-extra>
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1.631 aop-alliance 1.0

1.631.1 Available under license :

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1.632 protobuf-java 3.19.4

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```
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```

Found in path(s):

- * /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/wrappers.proto
- * /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/descriptor.proto

* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/timestamp.proto
* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/duration.proto
* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/field_mask.proto
* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/source_context.proto
* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/type.proto
* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/compiler/plugin.proto
* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/empty.proto
* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/struct.proto
* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/api.proto
* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/google/protobuf/any.proto
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Automatic-Module-Name: com.google.protobuf
Bnd-LastModified: 1643389670477
Build-Jdk: 1.8.0_181-google-v7
Built-By: acozzette
Bundle-Description: Core Protocol Buffers library. Protocol Buffers are a way of encoding structured data in an efficient yet extensible format.
Bundle-DocURL: <https://developers.google.com/protocol-buffers/>
Bundle-License: <https://opensource.org/licenses/BSD-3-Clause>
Bundle-ManifestVersion: 2
Bundle-Name: Protocol Buffers [Core]
Bundle-SymbolicName: com.google.protobuf
Bundle-Version: 3.19.4
Created-By: Apache Maven Bundle Plugin
Export-Package: com.google.protobuf;version="3.19.4"
Import-Package: sun.misc;resolution:=optional,com.google.protobuf;version="[3.19,4)"
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-3.0.0.201509101326

Found in path(s):

* /opt/cola/permits/1444784973_1666041526.196175/0/protobuf-java-3-19-4-3-jar/META-INF/MANIFEST.MF

1.633 jakarta xml bind api 2.3.3

1.633.1 Available under license :

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- * <https://github.com/eclipse-ee4j/jaxb-api>
- * <https://github.com/eclipse-ee4j/jaxb-tck>

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ASM 7 (n/a)

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- * Project: <https://asm.ow2.io/>
- * Source: <https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~~~~kw,versionexpand>

JTHarness (5.0)

- * License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)
- * Project: <https://wiki.openjdk.java.net/display/CodeTools/JT+Harness>
- * Source: <http://hg.openjdk.java.net/code-tools/jtharness/>

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SigTest (n/a)

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1.634 aws-java-sdk-cloudwatch 1.12.377

1.634.1 Available under license :

Apache-2.0

1.635 reactive-streams 1.0.3

1.635.1 Available under license :

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```

Found in path(s):

```

* /opt/cola/permits/1135840663_1613613063.73/0/reactive-streams-1-0-3-sources-3-
jar/org/reactivestreams/Publisher.java
* /opt/cola/permits/1135840663_1613613063.73/0/reactive-streams-1-0-3-sources-3-
jar/org/reactivestreams/FlowAdapters.java
* /opt/cola/permits/1135840663_1613613063.73/0/reactive-streams-1-0-3-sources-3-
jar/org/reactivestreams/Processor.java
* /opt/cola/permits/1135840663_1613613063.73/0/reactive-streams-1-0-3-sources-3-
jar/org/reactivestreams/Subscription.java
* /opt/cola/permits/1135840663_1613613063.73/0/reactive-streams-1-0-3-sources-3-
jar/org/reactivestreams/Subscriber.java

```

1.636 aws-java-sdk-pinpointvoice

1.12.377

1.636.1 Available under license :

Apache-2.0

1.637 pycurl 7.19.0

1.637.1 Available under license :

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1.640 metrics-logback 4.1.33

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Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics.logback

Build-Jdk-Spec: 1.8

Bundle-Description: An instrumented appender for Logback.

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Integration for Logback

Bundle-SymbolicName: io.dropwizard.metrics.logback

Bundle-Version: 4.1.33

Created-By: Apache Maven Bundle Plugin 5.1.8

Export-Package: com.codahale.metrics.logback;uses:="ch.qos.logback.classic.spi,ch.qos.logback.core,com.codahale.metrics";version="4.1.33"

Implementation-Title: Metrics Integration for Logback

Implementation-Version: 4.1.33

Import-Package: ch.qos.logback.classic;version="[1.2,2)",ch.qos.logback.classic.spi;version="[1.2,2)",ch.qos.logback.core;version="[1.2,2)",com.codahale.metrics;version="[4.1,5)"

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /opt/cola/permits/1480501725_1668971427.6429615/0/metrics-logback-4-1-33-jar/META-INF/MANIFEST.MF

1.641 qrencode 3.4.1-3.e17

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1.643 commons-logging 1.2

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* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Log4JLogger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogFactoryImpl.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java
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* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogSource.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/NoOpLog.java
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* /opt/cola/permits/1568287334_1676583766.5955327/0/aws-java-sdk-kinesis-1-12-402-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ListDeliveryStreamsRequestProtocolMarshaller.java

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* /opt/cola/permits/1568287334_1676583766.5955327/0/aws-java-sdk-kinesis-1-12-402-sources-jar/com/amazonaws/services/kinesis/model/KMSNotFoundException.java

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1.645 swagger-annotations 2.0.7

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____ _ _  
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| | \ | | | |      i.e., he could execute anyone!"
```

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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```
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<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta name="description" content="Home page of The Apache Software Foundation">

  <link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
  <link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
  <link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
  <link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
  <link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
  <link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
  <link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
  <link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
  <link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
  <link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
  <link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
  <link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
  <link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
  <link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
  <link rel="manifest" href="/favicons/manifest.json">
  <link rel="shortcut icon" href="/favicons/favicon.ico">
  <meta name="msapplication-TileColor" content="#603cba">
  <meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
  <meta name="msapplication-config" content="/favicons/browserconfig.xml">
  <meta name="theme-color" content="#303284">

  <title>Apache License, Version 2.0</title>
  <link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
  <link href="/css/min.bootstrap.css" rel="stylesheet">
  <link href="/css/styles.css" rel="stylesheet">
```

```
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permissions and limitations under the License. -->
```

```
</head>
```

```

<body>
<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
  <div class="container">
    <div class="navbar-header">
      <button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
    </div>
    <div class="collapse navbar-collapse" id="mainnav-collapse">
      <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo;&nbsp;&nbsp;<a
href="/licenses/">Licenses</a></div>
      <ul class="nav navbar-nav navbar-right">
        <li class="dropdown">
          <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
          <ul class="dropdown-menu" role="menu">
            <li><a href="/foundation">Overview</a></li>
            <li><a href="/foundation/members.html">Members</a></li>
            <li><a href="/foundation/how-it-works.html">Process</a></li>
            <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
            <li><a href="/foundation/glossary.html">Glossary</a></li>
            <li><a href="/foundation/preFAQ.html">FAQ</a></li>
            <li><a href="/foundation/contact.html ">Contact</a></li>
          </ul>
        </li>
        <li><a href="/index.html#projects-list">Projects</a></li>
        <li class="dropdown">
          <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
          <ul class="dropdown-menu" role="menu">
            <li><a href="http://people.apache.org/">Overview</a></li>
            <li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
            <li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
            <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
            <li><a href="http://planet.apache.org/">Planet Apache</a></li>
          </ul>
        </li>
        <li class="dropdown">
          <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
          <ul class="dropdown-menu" role="menu">
            <li><a href="/foundation/getinvolved.html">Overview</a></li>
            <li><a href="http://community.apache.org/">Community Development</a></li>

```

```

        <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
</ul>
</li>
    <li><a href="/dyn/closer.cgi">Download</a></li>
    <li class="dropdown">
        <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
        <ul class="dropdown-menu" role="menu">
            <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
            <li><a href="/foundation/contributing.html">Donations</a></li>
            <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
            <li><a href="/foundation/thanks.html">Thanks</a></li>
        </ul>
    </li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
    <div class="row">
        <div class="col-md-9 col-sm-8 col-xs-12">
            
        </div>
        <div class="col-md-3 col-sm-4 col-xs-12">
            <div class="input-group" style="margin-bottom: 5px;">
                <script>
(function() {
    var cx = '005703438322411770421:5mgshgrgx2u';
    var gcse = document.createElement('script');
    gcse.type = 'text/javascript';
    gcse.async = true;
    gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
        '//cse.google.com/cse.js?cx=' + cx;
    var s = document.getElementsByTagName('script')[0];
    s.parentNode.insertBefore(gcse, s);
})();
</script>
            <gcse:searchbox-only></gcse:searchbox-only>
        </div>
        <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
        <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
        <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
    </div>
</div>

```

```
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
  It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
  visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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</pre></div></div>

<!-- Footer -->

```
<footer class="bg-primary">
<div class="container">
  <div class="row">
    <br />
    <div class="col-sm-1">

</div>
<div class="col-sm-2">
  <h5 class="white">Community</h5>
  <ul class="list-unstyled white" role="menu">
<li><a href="http://community.apache.org/">Overview</a></li>
<li><a href="/foundation/conferences.html">Conferences</a></li>
<li><a href="http://community.apache.org/gsoc.html">Summer of Code</a></li>
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
<li><a href="/travel/">Travel Assistance</a></li>
<li><a href="/foundation/getinvolved.html">Get Involved</a></li>
<li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>
  </ul>
</div>

<div class="col-sm-2">
<h5 class="white">Innovation</h5>
  <ul class="list-unstyled white" role="menu">
<li><a href="http://incubator.apache.org/">Incubator</a></li>
<li><a href="http://labs.apache.org/">Labs</a></li>
<li><a href="/licenses/">Licensing</a></li>
<li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>

<div class="col-sm-2">
<h5 class="white">Tech Operations</h5>
  <ul class="list-unstyled white" role="menu">
<li><a href="/dev/">Developer Information</a></li>
<li><a href="/dev/infrastructure.html">Infrastructure</a></li>
<li><a href="/security/">Security</a></li>
<li><a href="http://status.apache.org">Status</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>

<div class="col-sm-2">
<h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
```

```
<li><a href="/press/">Overview</a></li>
<li><a href="https://blogs.apache.org/">ASF News</a></li>
<li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
<li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
<li><a href="/press/#contact">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Legal</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/legal/">Legal Affairs</a></li>
<li><a href="/licenses/">Licenses</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/records/">Public Records</a></li>
<li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
<li><a href="/licenses/exports/">Export Information</a></li>
<li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-1">
</div>
```

```
</div>
<hr class="col-lg-12 hr-white" />
```

```
<div class="row">
<div class="col-lg-12">
<p class="text-center">Copyright &#169; 2016 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
<p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
</div>
</div>
</div>
```

```
</footer>
```

```
<!-- / Footer -->
```

```
<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>
```

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```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>301 Moved Permanently</title>
</head><body>
<h1>Moved Permanently</h1>
<p>The document has moved <a href="https://opensource.org/licenses/mit-license.php">here</a>.</p>
</body></html>
```

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```
cd <SRC_PATH>
mvn package -DskipTests
mkdir /tmp/jars
mkdir /tmp/overrides
cp package-schema-registry/target/kafka-schema-registry-package-<VERSION>-package/share/java/schema-registry/*.jar /tmp/jars/
cp package-kafka-serde-tools/target/kafka-serde-tools-package-<VERSION>-package/share/java/kafka-serde-tools/*.jar /tmp/jars/
cd <LICENSE_TOOL_PATH>
./bin/run_license_job.bash -i /tmp/jars -l <SRC_PATH>/licenses -n <SRC_PATH>/notices -h <SRC_PATH>/licenses-and-notices.html -o /tmp/overrides
```

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"http://www.w3.org/TR/html4/loose.dtd">

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<html lang="en-US">
<head>
<title>GlassFish Dual License Header and License Notice GPL v2 and CDDL</title>
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<style type="text/css">
li { display: block;}
</style>
</head>

<body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0" bgcolor="#ffffff">

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<p>

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<p>

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</p>

<p>

One line to give the program's name and a brief idea of what it does.

</p>

<p>

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<p>

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</p>

<p>

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</p>

<p>

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</p>

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</p>

<p>

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</p>

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</p>

<p>

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

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```

</p>
</li>

</ul>

</body>
</html>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
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<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</head>

<body>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
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<!-- @page { margin: 0.79in } P { margin-bottom: 0.08in } H1 { margin-top: 0in; margin-bottom: 0.17in; widows:
0; orphans: 0 } H1.western { font-family: "Times New Roman", serif; font-size: 12pt; font-weight: normal } H1.cjk
{ font-family: "Andale Sans UI"; font-size: 12pt; font-weight: normal } H1.ctl { font-family: "Tahoma"; font-size:
12pt; font-weight: normal } -->
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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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  <meta http-equiv="X-UA-Compatible" content="IE=edge">
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</head>
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<header>
<nav class="navbar navbar-default navbar-fixed-top">
  <div class="container">
    <div class="navbar-header">
      <button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
    </div>
    <div class="collapse navbar-collapse" id="mainnav-collapse">
      <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo;&nbsp;&lt;a href="/licenses/">Licenses</a></div>
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        <li class="dropdown">
          <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
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            <li><a href="/foundation">Overview</a></li>
            <li><a href="/foundation/members.html">Members</a></li>
            <li><a href="/foundation/how-it-works.html">Process</a></li>
            <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
            <li><a href="/foundation/glossary.html">Glossary</a></li>
            <li><a href="/foundation/preFAQ.html">FAQ</a></li>
            <li><a href="/foundation/contact.html ">Contact</a></li>
          </ul>
        </li>
        <li><a href="/index.html#projects-list">Projects</a></li>
        <li class="dropdown">
          <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
          <ul class="dropdown-menu" role="menu">
            <li><a href="http://people.apache.org/">Overview</a></li>
            <li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
            <li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
            <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
            <li><a href="http://planet.apache.org/">Planet Apache</a></li>
          </ul>
        </li>
        <li class="dropdown">
          <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span class="caret"></span></a>
          <ul class="dropdown-menu" role="menu">
            <li><a href="/foundation/getinvolved.html">Overview</a></li>
            <li><a href="http://community.apache.org/">Community Development</a></li>
            <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
          </ul>
        </li>
      </ul>
    </div>
  </div>
</nav>

```

```

    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
  <li><a href="/dyn/closer.cgi">Download</a></li>
  <li class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
    <ul class="dropdown-menu" role="menu">
      <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
      <li><a href="/foundation/contributing.html">Donations</a></li>
      <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
      <li><a href="/foundation/thanks.html">Thanks</a></li>
    </ul>
  </li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
  <div class="row">
    <div class="col-md-9 col-sm-8 col-xs-12">
      
    </div>
    <div class="col-md-3 col-sm-4 col-xs-12">
      <div class="input-group" style="margin-bottom: 5px;">
        <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
  '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);
})();
</script>
  <gcse:searchbox-only></gcse:searchbox-only>
</div>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
  <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
</div>

```

```

<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
   It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
  visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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link">&para;</a></h3>
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If you prefer to sign electronically, please fill the form, save it locally (e.g. `icla.pdf`), and sign the file by preparing a detached PGP signature. For example,

```
<blockquote>
```

```
<p>gpg --armor --detach-sign icla.pdf</p>
```

```
</blockquote>
```

The above will create a file `icla.pdf.asc`. Send both the file and signature as attachments in the same email to secretary@apache.org. Please send only one document (file plus signature) per email. Please do not submit your public key to Apache. Instead, please upload your public key to pgpkeys.mit.edu.

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<!-- Footer -->

```
<footer class="bg-primary">
```

```
<div class="container">
```

```
<div class="row">
```

```
<br />
```

```
<div class="col-sm-1">
```

```
</div>
```

```
<div class="col-sm-2">
```

```
<h5 class="white">Community</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="http://community.apache.org/">Overview</a></li>
<li><a href="/foundation/conferences.html">Conferences</a></li>
<li><a href="http://community.apache.org/gsoc.html">Summer of Code</a></li>
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
<li><a href="/travel/">Travel Assistance</a></li>
<li><a href="/foundation/getinvolved.html">Get Involved</a></li>
<li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Innovation</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="http://incubator.apache.org/">Incubator</a></li>
<li><a href="http://labs.apache.org/">Labs</a></li>
<li><a href="/licenses/">Licensing</a></li>
<li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Tech Operations</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/dev/">Developer Information</a></li>
<li><a href="/dev/infrastructure.html">Infrastructure</a></li>
<li><a href="/security/">Security</a></li>
<li><a href="http://status.apache.org">Status</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Press</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/press/">Overview</a></li>
<li><a href="https://blogs.apache.org/">ASF News</a></li>
<li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
<li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
<li><a href="/press/#contact">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
```



```
<h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/legal/">Legal Affairs</a></li>
    <li><a href="/licenses/">Licenses</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-1">
</div>
```

```
</div>
```

```
<hr class="col-lg-12 hr-white" />
```

```
<div class="row">
```

```
<div class="col-lg-12">
```

```
<p class="text-center">Copyright © 2016 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a></p>
```

```
<p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</footer>
```

```
<!-- / Footer -->
```

```
<script src="/js/jquery-2.1.1.min.js"></script>
```

```
<script src="/js/bootstrap.js"></script>
```

```
</body>
```

```
</html>
```

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: schema-registry

Source: <https://github.com/confluentinc/schema-registry>

Files: *

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License: Apache-2

Files: debian/*

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1.650 error_prone_annotations 2.10.0

1.650.1 Available under license :

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*/

Found in path(s):

* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/RestrictedApi.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/MustBeClosed.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/CompatibleWith.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/DoNotMock.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/FormatMethod.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/FormatString.java

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Found in path(s):

* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/InlineMeValidationDisabled.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/InlineMe.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/Modifier.java

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* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/NoAllocation.java

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* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
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* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/CompileTimeConstant.java
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* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/ForOverride.java

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1.662 aws-java-sdk-dynamodb 1.12.377

1.662.1 Available under license :

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1.663 aws-java-sdk-mediapackage 1.12.377

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1.664 metrics-jetty 4.1.33

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Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics.jetty9

Build-Jdk-Spec: 1.8

Bundle-Description: A set of extensions for Jetty 9.3 and higher which provide instrumentation of thread pools, connector metrics, and application latency and utilization.

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Integration for Jetty 9.3 and higher

Bundle-SymbolicName: io.dropwizard.metrics.jetty9

Bundle-Version: 4.1.33

Created-By: Apache Maven Bundle Plugin 5.1.8

Export-Package: com.codahale.metrics.jetty9;uses:="com.codahale.metrics, javax.servlet, javax.servlet.http, org.eclipse.jetty.io, org.eclipse.jetty.server, org.eclipse.jetty.server.handler, org.eclipse.jetty.util.annotation, org.eclipse.jetty.util.component, org.eclipse.jetty.util.thread";version="4.1.33"

Implementation-Title: Metrics Integration for Jetty 9.3 and higher
Implementation-Version: 4.1.33
Import-Package: javax.servlet;version="[2.5.0,4.0.0)",javax.servlet.ht
tp;version="[2.5.0,4.0.0)",com.codahale.metrics;version="[4.1,5)",org
.eclipse.jetty.http;version="[9.4,10)",org.eclipse.jetty.io;version="[
9.4,10)",org.eclipse.jetty.server;version="[9.4,10)",org.eclipse.jet
ty.server.handler;version="[9.4,10)",org.eclipse.jetty.util.annotatio
n;version="[9.4,10)",org.eclipse.jetty.util.component;version="[9.4,1
0)",org.eclipse.jetty.util.thread;version="[9.4,10)"
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /opt/cola/permits/1480501782_1668971450.344051/0/metrics-jetty9-4-1-33-jar/META-INF/MANIFEST.MF

1.665 metrics-json 4.1.33

1.665.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.json
Build-Jdk-Spec: 1.8
Bundle-Description: A set of Jackson modules which provide serializers
for most Metrics classes.
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>
Bundle-ManifestVersion: 2
Bundle-Name: Jackson Integration for Metrics
Bundle-SymbolicName: io.dropwizard.metrics.json
Bundle-Version: 4.1.33
Created-By: Apache Maven Bundle Plugin 5.1.8
Export-Package: com.codahale.metrics.json;uses:="com.codahale.metrics,
com.fasterxml.jackson.core,com.fasterxml.jackson.databind";version="4
.1.33"
Implementation-Title: Jackson Integration for Metrics
Implementation-Version: 4.1.33
Import-Package: com.codahale.metrics;version="[4.1,5)",com.codahale.me
trics.health;version="[4.1,5)";resolution:=optional,com.fasterxml.jac
kson.core;version="[2.9,3)",com.fasterxml.jackson.databind;version="[
2.9,3)",com.fasterxml.jackson.databind.module;version="[2.9,3)",com.f
asterxml.jackson.databind.ser;version="[2.9,3)",com.fasterxml.jackson
.databind.ser.std;version="[2.9,3)"
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /opt/cola/permits/1480501740_1668971447.245473/0/metrics-json-4-1-33-jar/META-INF/MANIFEST.MF

1.666 bc 1.06.95-13.e17

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* /opt/cola/permits/1638411436_1681425252.2254884/0/grpc-stub-1-24-0-sources-1-
jar/io/grpc/stub/ClientCalls.java
* /opt/cola/permits/1638411436_1681425252.2254884/0/grpc-stub-1-24-0-sources-1-
jar/io/grpc/stub/ServerCalls.java
* /opt/cola/permits/1638411436_1681425252.2254884/0/grpc-stub-1-24-0-sources-1-
jar/io/grpc/stub/AbstractStub.java
* /opt/cola/permits/1638411436_1681425252.2254884/0/grpc-stub-1-24-0-sources-1-
jar/io/grpc/stub/StreamObserver.java
```

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* /opt/cola/permits/1638411436_1681425252.2254884/0/grpc-stub-1-24-0-sources-1-
jar/io/grpc/stub/StreamObservers.java
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* /opt/cola/permits/1638411436_1681425252.2254884/0/grpc-stub-1-24-0-sources-1-jar/io/grpc/stub/ClientResponseObserver.java

* /opt/cola/permits/1638411436_1681425252.2254884/0/grpc-stub-1-24-0-sources-1-jar/io/grpc/stub/ClientCallStreamObserver.java

* /opt/cola/permits/1638411436_1681425252.2254884/0/grpc-stub-1-24-0-sources-1-jar/io/grpc/stub/CallStreamObserver.java

* /opt/cola/permits/1638411436_1681425252.2254884/0/grpc-stub-1-24-0-sources-1-jar/io/grpc/stub/ServerCallStreamObserver.java

1.671 aws-java-sdk-redshift 1.12.377

1.671.1 Available under license :

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1.672 aws-java-sdk-docdb 1.12.377

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1.673 junit 4.13.1

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1.674 everit-json-schema 1.12.2

1.674.1 Available under license :

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* /opt/cola/permits/1611898203_1680235707.0150697/0/everit-json-schema-1-12-2-sources-4-jar/META-INF/maven/com.github.erosb/everit-json-schema/pom.xml

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* /opt/cola/permits/1611898203_1680235707.0150697/0/everit-json-schema-1-12-2-sources-4-jar/org/everit/json/schema/JSONPointerException.java

* /opt/cola/permits/1611898203_1680235707.0150697/0/everit-json-schema-1-12-2-sources-4-jar/org/everit/json/schema/JSONPointerException.java

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* /opt/cola/permits/1611898203_1680235707.0150697/0/everit-json-schema-1-12-2-sources-4-jar/org/everit/json/schema/internal/JSONWriter.java

1.675 javassist 3.29.2-GA

1.675.1 Available under license :

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* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/tools/Callback.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtConstructor.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/InnerClassesAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/Lex.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtNewClass.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/NewExpr.java
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* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtNewWrappedConstructor.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/expr/FieldAccess.java
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* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/LineNumberAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/BinExpr.java

* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/StackMap.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/runtime/Desc.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/scopedpool/SoftValueHashMap.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/tools/web/Viewer.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/BasicBlock.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/util/proxy/FactoryHelper.java
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jar/javassist/ClassPoolTail.java
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* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/FloatMemberValue.java  
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/MemberValueVisitor.java  
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/MemberValue.java  
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/LongMemberValue.java  
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/CharMemberValue.java  
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ByteMemberValue.java  
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ClassMemberValue.java  
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/Annotation.java  
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
```

jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/annotation/DoubleMemberValue.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/annotation/ShortMemberValue.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/annotation/EnumMemberValue.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/annotation/AnnotationMemberValue.java

1.676 aws-java-sdk-simspaceweaver 1.12.377

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1.677 aws-java-sdk-organizations 1.12.377

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1.678 metrics-caffeine 4.1.33

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Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics.caffeine

Build-Jdk-Spec: 1.8

Bundle-Description: Metrics Integration for Caffeine.

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Integration for Caffeine

Bundle-SymbolicName: io.dropwizard.metrics.caffeine

Bundle-Version: 4.1.33

Created-By: Apache Maven Bundle Plugin 5.1.8

Export-Package: com.codahale.metrics.caffeine;uses:="com.codahale.metrics,com.github.benmanes.caffeine.cache,com.github.benmanes.caffeine.cache.stats,org.checkerframework.checker.index.qual";version="4.1.33"

Implementation-Title: Metrics Integration for Caffeine

Implementation-Version: 4.1.33

Import-Package: com.codahale.metrics;version="[4.1,5)",com.github.benmanes.caffeine.cache;version="[2.9,3)",com.github.benmanes.caffeine.cache.stats;version="[2.9,3)",org.checkerframework.checker.index.qual;version="[3.24,4)"

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /opt/cola/permits/1551849480_1675381066.900905/0/metrics-caffeine-4-1-33-jar/META-INF/MANIFEST.MF

1.679 aws-java-sdk-sts 1.12.377

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1.680 yum-metadata-parser 1.1.4

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Other developers who have contributed code are:

* Brian Langel

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1.682 pygpgme 0.3-9.el7

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1.685 jackson-module-parameter-names

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1.689 snappy-java 1.1.8.1

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- * Tatu Saloranta
 - * Providing benchmark suite
- * Alec Wysoker
 - * Performance and memory usage improvement

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1.691 httpcomponents-core 4.4.14

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.697 okio 1.17.5

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* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/WriterReaderPhaser.java

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* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/AtomicHistogram.java

* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/RecordedValuesIterator.java

* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoubleRecorder.java

* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/ShortCountsHistogram.java

* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/EncodableHistogram.java

* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/ZigZagEncoding.java

* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/HistogramLogReader.java

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* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/Recorder.java
* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoubleRecordedValuesIterator.java
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* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/ConcurrentDoubleHistogram.java
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* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoubleLogarithmicIterator.java
* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/AbstractHistogramLogReader.java
* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/LinearIterator.java

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```
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* package-info.java  
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*/
```

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```
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```

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*  
* @author Gil Tene  
*/
```

```
package org.HdrHistogram;
```

```
final class Version {  
    public static final String version="$VERSION$";  
    public static final String build_time="$BUILD_TIMES$";  
}
```

Found in path(s):

```
* /opt/cola/permits/174180979_1651176763.07/0/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/Version.java.template
```

1.701 grep 2.20-3.e17

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Version 3, 29 June 2007

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```
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1.702 pam 1.1.8-23.el7

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```
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-jar/org/slf4j/IMarkerFactory.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/helpers/BasicMDCAdapter.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/helpers/MarkerIgnoringBase.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-jar/org/slf4j/spi/MDCAdapter.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/helpers/SubstituteLoggerFactory.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-jar/org/slf4j/LoggerFactory.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/impl/StaticLoggerBinder.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/helpers/NOPMDCAdapter.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-jar/org/slf4j/MarkerFactory.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/impl/StaticMDCBinder.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/helpers/BasicMarkerFactory.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
```

jar/org/slf4j/spi/LocationAwareLogger.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/helpers/FormattingTuple.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/spi/MarkerFactoryBinder.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/helpers/MessageFormatter.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/helpers/NamedLoggerBase.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/spi/LoggerFactoryBinder.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-jar/org/slf4j/MDC.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-jar/org/slf4j/helpers/Util.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/helpers/NOPLogger.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-jar/org/slf4j/ILoggerFactory.java
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* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
jar/org/slf4j/helpers/NOPLoggerFactory.java
* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-
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* /opt/cola/permits/1512417657_1673636624.6005318/0/slf4j-api-1-6-6-sources-jar/org/slf4j/Marker.java
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```

```

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* These rely on recRuleAltPredicate(),
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* templates in main language.stg
*/

```

```
group LeftRecursiveRules;
```

```
recRule(ruleName, argName, primaryAlts, opAlts, setResultAction,
        userRetvals, leftRecursiveRuleRefLabels) ::=
```

```

<<
<ruleName><if(userRetvals)> returns [<userRetvals>]<endif>
: ( { } <primaryAlts:{ alt | <alt.altText> }; separator="\n    | ">
  )
  (
    <opAlts; separator="\n    | ">
  )*
;
>>

```

```

recRuleAlt(alt, precOption, opPrec, pred) ::= <<
{<pred>}?<<precOption>=<opPrec>> <alt.altText>
>>

```

Found in path(s):

```

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/tool/templates/LeftRecursiveRules.stg

```

No license file was found, but licenses were detected in source scan.

```
/*
```

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*/

Found in path(s):

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/ANTLRLexer.java

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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/GrammarTreeVisitor.java

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*/

/*

This file contains the actual layout of the messages emitted by ANTLR.

The text itself is coming out of the languages/*stg files, according to the chosen locale.

This file contains the default format ANTLR uses.

*/

location(file, line, column) ::= "<file>(<line>,<column>)"

message(id, text) ::= "error <id> : <text>"

report(location, message, type) ::= "<location> : <type> <message.id> : <message.text>"

wantsSingleLineMessage() ::= "true"

Found in path(s):

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/templates/messages/formats/vs2005.stg

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Found in path(s):

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/Tool.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ErrorType.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/gui/PostScriptDocument.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/semantics/SemanticPipeline.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/GrammarParserInterpreter.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/gui/SystemFontMetrics.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/ListenerDispatchMethod.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_int.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/automata/LexerATNFactory.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_text.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/LL1Loop.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/QRetValueRef.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/ActionTemplate.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/RuleActionFunction.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/Choice.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/Alternative.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/OptionalBlock.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/target/Python2Target.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/GrammarASTWithOptions.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/LexerFile.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/BaseVisitorFile.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/RuleElement.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_text.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/RetValRef.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/ArgAction.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/target/JavaScriptTarget.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/RuleElementAST.java
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/LL1OptionalBlockSingleAlt.java
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextRuleListGetterDecl.java
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/TestSetInline.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/SetNonLocalAttr.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/ListLabelRef.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_text.java
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/automata/TailEpsilonRemover.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/LocalRef.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/PredAST.java

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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/GrammarASTErrorNode.java
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/misc/FrequencySet.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/Lexer.java
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_stop.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/QuantifierAST.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/AltAST.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/OutputModelObject.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/LeftRecursionCyclesMessage.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextTokenListIndexedGetterDecl.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/automata/ParserATNFactory.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ToolMessage.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/RuleSempredFunction.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/v4ParserException.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/LL1Choice.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_start.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/semantics/SymbolCollector.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ANTLRToolListener.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/NonLocalAttrRef.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/VisitorFile.java
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/ActionTranslator.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/StarBlock.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/CodeGeneratorExtension.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/GrammarASTAdaptor.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/OutputModelController.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/Action.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/gui/BasicFontMetrics.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/Attribute.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/ParserFile.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/dbg.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/CodeGenerator.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/analysis/LeftRecursiveRuleTransformer.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/TokenVocabParser.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/automata/ATNFactory.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/MatchSet.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextGetterDecl.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/RuleRefAST.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/StarBlockAST.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_stop.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_parser.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/ElementFrequenciesVisitor.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/AltLabelStructDecl.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/gui/TreePostScriptGenerator.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ANTLRMessage.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/LexerFactory.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/semantics/RuleCollector.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/semantics/BasicSemanticChecks.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/gui/Trees.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/analysis/AnalysisPipeline.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_type.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/target/Python3Target.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/BlankOutputModelFactory.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/RuleAST.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-

jar/org/antlr/v4/codegen/model/OutputFile.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/AttributeDict.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/LL1AltBlock.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextTokenGetterDecl.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/StructDecl.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/MatchNotSet.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/ParserFactory.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/CaptureNextToken.java
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/misc/MutableInt.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/ActionText.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/GrammarASTVisitor.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/CodeBlockForAlt.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/AttributeDecl.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/GrammarInterpreterRuleContext.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/automata/ATNVisitor.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/GrammarTransformPipeline.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/PlusBlock.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/gui/TestRig.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/target/CSharpTarget.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/v3TreeGrammarException.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/GrammarToken.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_start.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/LabelType.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/gui/TreeView.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/BlockAST.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/Target.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_line.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-

jar/org/antlr/v4/codegen/model/AltBlock.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/decl/TokenDecl.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/Recognizer.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/BaseListenerFile.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/gui/TreeLayoutAdaptor.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/analysis/LeftRecursiveRuleAnalyzer.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/analysis/LeftRecursiveRuleAltInfo.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/gui/TreeTextProvider.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/LabeledOp.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/tool/ast/GrammarRootAST.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/SemPred.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/LL1OptionalBlock.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/tool/ast/OptionalBlockAST.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/parse/ResyncToEndOfRuleBlock.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/decl/TokenListDecl.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/parse/ToolANTLRParser.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/GrammarAST.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/ModelElement.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/DefaultOutputModelFactory.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/DispatchMethod.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/AttributeResolver.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/target/GoTarget.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/decl/RuleContextListDecl.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/model/ThrowNoViableAlt.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/tool/GrammarSyntaxMessage.java

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/automata/ATNOptimizer.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/Rule.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextRuleGetterDecl.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/Loop.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/TerminalAST.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/SetAST.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/semantics/SymbolChecks.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/VisitorDispatchMethod.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_ctx.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/MatchToken.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/ActionAST.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/target/SwiftTarget.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ErrorSeverity.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/misc/Graph.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/ElementListDecl.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_ctx.java
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 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/SetAttr.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/semantics/UseDefAnalyzer.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/ToolANTLR Lexer.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/GrammarSemanticsMessage.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/Wildcard.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/NotAST.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/LL1StarBlockSingleAlt.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/LeftRecursiveRule.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/DOTGenerator.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/ExceptionClause.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/DefaultToolListener.java
 * /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-

jar/org/antlr/v4/codegen/model/decl/ContextRuleListIndexedGetterDecl.java
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/ThrowEarlyExitException.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/target/JavaTarget.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/CodeGenPipeline.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/SerializedATN.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/RuleFunction.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/CaptureNextTokenType.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/Decl.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_parser.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/AddToLabelList.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/InvokeRule.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/ScopeParser.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/semantics/BlankActionSplitterListener.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/decl/TokenTypeDecl.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ast/RangeAST.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/ListenerFile.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/OutputModelWalker.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/BuildDependencyGenerator.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/semantics/AttributeChecks.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/semantics/ActionSniffer.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/ThrowRecognitionException.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/misc/CharSupport.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_channel.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenRef.java
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/ActionChunk.java

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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/Parser.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/misc/OrderedHashMap.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/ErrorMessageManager.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/automata/ATNPrinter.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/OutputModelFactory.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/analysis/LeftRecursionDetector.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_pos.java
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/misc/Utils.java
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* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.  
*/
```

tree grammar BlockSetTransformer;

```

options {
    language = Java;
    tokenVocab = ANTLRParser;
    ASTLabelType = GrammarAST;
    output = AST;
    filter = true;
}

@header {
    package org.antlr.v4.parse;
    import org.antlr.v4.misc.Utills;
    import org.antlr.v4.misc.*;
    import org.antlr.v4.tool.*;
    import org.antlr.v4.tool.ast.*;
    import java.util.List;
    import java.util.Set;
    import java.util.HashSet;
    import java.util.ArrayList;
    import org.antlr.v4.runtime.misc.IntervalSet;
}

@members {
    public String currentRuleName;
    public GrammarAST currentAlt;
    public Grammar g;
    public BlockSetTransformer(TreeNodeStream input, Grammar g) {
        this(input, new RecognizerSharedState());
        this.g = g;
    }
}

topdown
: ^(RULE (id=TOKEN_REF|id=RULE_REF) {currentRuleName=$id.text;} .+)
| setAlt
| ebnfBlockSet
| blockSet
;

setAlt
: {inContext("RULE BLOCK")}?
ALT {currentAlt = $start;}
;

// (BLOCK (ALT (+ (BLOCK (ALT INT) (ALT ID))))))
ebnfBlockSet
@after {
    GrammarTransformPipeline.setGrammarPtr(g, $tree);
}

```

```

: ^(ebnfSuffix blockSet) -> ^(ebnfSuffix ^(BLOCK<BlockAST> ^(ALT<AltAST> blockSet)))
;

ebnfSuffix
@after {$tree = (GrammarAST)adaptor.dupNode($start);}
: OPTIONAL
| CLOSURE
| POSITIVE_CLOSURE
;

blockSet
@init {
boolean inLexer = Grammar.isTokenName(currentRuleName);
}
@after {
GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
: {inContext("RULE")}? // top-level: rule block and > 1 alt
^(BLOCK ^(alt=ALT elementOptions? {((AltAST)$alt).altLabel==null}? setElement[inLexer]) (^(ALT
elementOptions? setElement[inLexer]) )+
-> ^(BLOCK<BlockAST>[$BLOCK.token] ^(ALT<AltAST>[$BLOCK.token,"ALT"] ^(SET[$BLOCK.token,
"SET"] setElement+)))
| {!inContext("RULE")}? // if not rule block and > 1 alt
^(BLOCK ^(ALT elementOptions? setElement[inLexer]) (^(ALT elementOptions? setElement[inLexer]) )+
-> ^(SET[$BLOCK.token, "SET"] setElement+))
;

setElement[boolean inLexer]
@after {
GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
: (^(a=STRING_LITERAL elementOptions) {!inLexer ||
CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
| a=STRING_LITERAL {!inLexer || CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
| {!inLexer}?=> ^(TOKEN_REF elementOptions)
| {!inLexer}?=> TOKEN_REF
| {inLexer}?=> ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
{CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1 &&
CharSupport.getCharValueFromGrammarCharLiteral($b.getText())!=-1}?
)
;

elementOptions
: ^(ELEMENT_OPTIONS elementOption*)
;

elementOption
: ID

```

```
| ^(ASSIGN id=ID v=ID)
| ^(ASSIGN ID v=STRING_LITERAL)
| ^(ASSIGN ID v=ACTION)
| ^(ASSIGN ID v=INT)
;
```

Found in path(s):

```
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/parse/BlockSetTransformer.g
```

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```
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```

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```

```
*/
```

```
// args must be <object-model-object>, <fields-resulting-in-STs>
```

```
ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
```

```
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
```

```
<if(file.genPackage)>
```

```
namespace <file.genPackage> {
```

```
<endif>
```

```

<namedActions.header>
using System;
using System.Text;
using System.Diagnostics;
using System.Collections.Generic;
using Antlr4.Runtime;
using Antlr4.Runtime.Atn;
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using DFA = Antlr4.Runtime.Dfa.DFA;

```

```

<parser>
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

```

```

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using IParseTreeListener = Antlr4.Runtime.Tree.IParseTreeListener;
using IToken = Antlr4.Runtime.IToken;

```

```

/// \<summary>
/// This interface defines a complete listener for a parse tree produced by
/// \<see cref="<csIdentifier.(file.parserName)>">"/>.
/// \</summary>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public interface I<file.grammarName>Listener : IParseTreeListener {
<file.listenerNames:{Iname |
/// \<summary>
<if(file.listenerLabelRuleNames.(Iname))>
/// Enter a parse tree produced by the \<c><Iname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(Iname)>">"/>.
<else>
/// Enter a parse tree produced by \<see cref="<file.parserName>.<Iname>">"/>.
<endif>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
void Enter<Iname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<Iname; format="cap">Context
context);
/// \<summary>
<if(file.listenerLabelRuleNames.(Iname))>

```

```

/// Exit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
/// Exit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
void Exit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname; format="cap">Context
context);); separator="\n">
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

```

```

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>

```

```

using Antlr4.Runtime.Misc;
using IErrorNode = Antlr4.Runtime.Tree.IErrorNode;
using ITerminalNode = Antlr4.Runtime.Tree.ITerminalNode;
using IToken = Antlr4.Runtime.IToken;
using ParserRuleContext = Antlr4.Runtime.ParserRuleContext;

```

```

/// \<summary>
/// This class provides an empty implementation of \<see cref="I<file.grammarName>Listener"/>,
/// which can be extended to create a listener which only needs to handle a subset
/// of the available methods.
/// \</summary>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public partial class <file.grammarName>BaseListener : I<file.grammarName>Listener {
    <file.listenerNames:{lname |
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Enter a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
/// Enter a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \<para>The default implementation does nothing.\</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
public virtual void Enter<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;

```

```

format="cap">Context context) { \}
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Exit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
/// Exit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \<para>The default implementation does nothing.\</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
public virtual void Exit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;
format="cap">Context context) { \} }; separator="\n">

```

```

/// \<inheritdoc/>
/// \<remarks>The default implementation does nothing.\</remarks>
public virtual void EnterEveryRule([NotNull] ParserRuleContext context) { }
/// \<inheritdoc/>
/// \<remarks>The default implementation does nothing.\</remarks>
public virtual void ExitEveryRule([NotNull] ParserRuleContext context) { }
/// \<inheritdoc/>
/// \<remarks>The default implementation does nothing.\</remarks>
public virtual void VisitTerminal([NotNull] ITerminalNode node) { }
/// \<inheritdoc/>
/// \<remarks>The default implementation does nothing.\</remarks>
public virtual void VisitErrorNode([NotNull] IErrorNode node) { }
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

```

```

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using IToken = Antlr4.Runtime.IToken;

/// \<summary>
/// This interface defines a complete generic visitor for a parse tree produced
/// by \<see cref="<csIdentifier.(file.parserName)>"/>.
/// \</summary>
/// \<typeparam name="Result">The return type of the visit operation.\</typeparam>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]

```

```

[System.CLSCompliant(false)]
public interface I<file.grammarName>Visitor<Result> : IParseTreeVisitor<Result> {
    <file.visitorNames> { Iname |
    /// \<summary>
    <if(file.visitorLabelRuleNames.(Iname))>
    /// Visit a parse tree produced by the \<c><Iname>\</c>
    /// labeled alternative in \<see cref="<file.parserName>.<file.visitorLabelRuleNames.(Iname)>">.
    <else>
    /// Visit a parse tree produced by \<see cref="<file.parserName>.<Iname>">.
    <endif>
    /// \</summary>
    /// \<param name="context">The parse tree.\</param>
    /// \<return>The visitor result.\</return>
    Result Visit<Iname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<Iname; format="cap">Context
    context);}; separator="\n">
    }
    <if(file.genPackage)>
    } // namespace <file.genPackage>
    <endif>
>>

```

```

BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using IToken = Antlr4.Runtime.IToken;
using ParserRuleContext = Antlr4.Runtime.ParserRuleContext;

    /// \<summary>
    /// This class provides an empty implementation of \<see cref="I<file.grammarName>Visitor{Result}">,
    /// which can be extended to create a visitor which only needs to handle a subset
    /// of the available methods.
    /// \</summary>
    /// \<typeparam name="Result">The return type of the visit operation.\</typeparam>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public partial class <file.grammarName>BaseVisitor<Result> : AbstractParseTreeVisitor<Result>,
I<file.grammarName>Visitor<Result> {
    <file.visitorNames> { Iname |
    /// \<summary>
    <if(file.visitorLabelRuleNames.(Iname))>
    /// Visit a parse tree produced by the \<c><Iname>\</c>
    /// labeled alternative in \<see cref="<file.parserName>.<file.visitorLabelRuleNames.(Iname)>">.
    <else>

```



```

/// Visit a parse tree produced by \<see cref="<file.parserName>.<Iname>"/>.
<endif>
/// \<para>
/// The default implementation returns the result of calling \<see
cref="AbstractParseTreeVisitor{Result}.VisitChildren(IRuleNode)"/>
/// on \<paramref name="context"/>.
/// \</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
/// \<return>The visitor result.\</return>
public virtual Result Visit<Iname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<Iname;
format="cap">Context context) { return VisitChildren(context); \}}; separator="\n">
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

```

```

fileHeader(grammarFileName, ANTLRVersion) ::= <<
//-----
// \<auto-generated>
// This code was generated by a tool.
// ANTLR Version: <ANTLRVersion>
//
// Changes to this file may cause incorrect behavior and will be lost if
// the code is regenerated.
// \</auto-generated>
//-----

// Generated from <grammarFileName> by ANTLR <ANTLRVersion>

// Unreachable code detected
#pragma warning disable 0162
// The variable '...' is assigned but its value is never used
#pragma warning disable 0219
// Missing XML comment for publicly visible type or member '...'
#pragma warning disable 1591
// Ambiguous reference in cref attribute
#pragma warning disable 419

>>

```

```

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

```

```

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]

```

```

[System.CLSCompliant(false)]
public partial class <csIdentifier.(parser.name)> : <superClass; null="Parser"> {
    protected static DFA[] decisionToDFA;
    protected static PredictionContextCache sharedContextCache = new PredictionContextCache();
    <if(parser.tokens)>
    public const int
    <parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator=", ", wrap, anchor>;
    <endif>
    public const int
    <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
    public static readonly string[] ruleNames = {
    <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
    };

    <vocabulary(parser.literalNames, parser.symbolicNames)>

    public override string GrammarFileName { get { return "<parser.grammarFileName>"; } }

    public override string[] RuleNames { get { return ruleNames; } }

    public override string SerializedAtn { get { return _serializedATN; } }

    static <csIdentifier.(parser.name)>() {
        decisionToDFA = new DFA[_ATN.NumberOfDecisions];
        for (int i = 0; i < _ATN.NumberOfDecisions; i++) {
            decisionToDFA[i] = new DFA(_ATN.GetDecisionState(i), i);
        }
    }

    <namedActions.members>
    <parser:(ctor)()>
    <funcs; separator="\n">

    <if(semPredFuncs)>
    public override bool Sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
        switch (ruleIndex) {
            <parser.semPredFuncs.values:{f}
            case <f.ruleIndex>: return <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
        }
        return true;
    }
    <semPredFuncs.values; separator="\n">
    <endif>

    <atn>
    }
    >>

```

```

vocabulary(literalNames, symbolicNames) ::= <<
private static readonly string[] _LiteralNames = {
<literalNames:{t | <t>}; null="null", separator=" ", wrap, anchor>
};
private static readonly string[] _SymbolicNames = {
<symbolicNames:{t | <t>}; null="null", separator=" ", wrap, anchor>
};
public static readonly IVocabulary DefaultVocabulary = new Vocabulary(_LiteralNames, _SymbolicNames);

[NotNull]
public override IVocabulary Vocabulary
{
get
{
return DefaultVocabulary;
}
}
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
public override void Action(RuleContext _localctx, int ruleIndex, int actionIndex) {
switch (ruleIndex) {
<recog.actionFuncs.values:{f}
case <f.ruleIndex> : <f.name>_action(<if(!recog.modes)><f.ctxType><endif>_localctx, actionIndex); break;};
separator="\n">
}
}
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
public override bool Sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
switch (ruleIndex) {
<recog.sempredFuncs.values:{f}
case <f.ruleIndex> : return <f.name>_sempred(<if(!recog.modes)><f.ctxType><endif>_localctx, predIndex);};
separator="\n">
}
return true;
}
<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(parser) ::= <<
public <csIdentifier.(parser.name)>(ITokenStream input)
: base(input)
{
Interpreter = new ParserATNSimulator(this, _ATN, decisionToDFA, sharedContextCache);
}
}

```

```

}
>>

/* This generates a private method since the actionIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<
private void <r.name>_action(<r.ctxType> _localctx, int actionIndex) {
    switch (actionIndex) {
        <actions:{index|
case <index>: <actions.(index)> break;}; separator="\n">
    }
}
>>

/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
private bool <r.name>_sempred(<r.ctxType> _localctx, int predIndex) {
    switch (predIndex) {
        <actions:{index|
case <index>: return <actions.(index)>;}; separator="\n">
    }
    return true;
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<if(ruleCtx)>
<ruleCtx>
<endif>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

[RuleVersion(<namedActions.version; null="0">)]
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public <endif><currentRule.ctxType>
<csIdentifier.(currentRule.name)><(args; separator=", "> {
    <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>>});
    EnterRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>);
    <namedActions.init>
    <locals; separator="\n">
    try {
    <if(currentRule.hasLookaheadBlock)>
        int _alt;
    <endif>

```

```

<code>
<postamble; separator="\n">
<namedActions.after>
}
<if(exceptions)>
<exceptions; separator="\n">
<else>
catch (RecognitionException re) {
  _localctx.exception = re;
  ErrorHandler.ReportError(this, re);
  ErrorHandler.Recover(this, re);
}
<endif>
finally {
  <finallyAction>
  ExitRule();
}
return _localctx;
}
>>

```

```

LeftFactoredRuleFunction(currentRule,args,code,locals,namedActions,finallyAction,postamble) ::=
<<

```

```

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>private <endif><currentRule.ctxType>
<csIdentifier.(currentRule.name)><(args; separator=", "> {
  <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
  <csIdentifier.(a.name)>>>);
  EnterLeftFactoredRule(_localctx, <currentRule.startState>, RULE_<currentRule.variantOf>);
  <namedActions.init>
  <locals; separator="\n">
  try {
  <if(currentRule.hasLookaheadBlock)>
  int _alt;
  <endif>
  <code>
  <postamble; separator="\n">
  <namedActions.after>
  }
  catch (RecognitionException re) {
  _localctx.exception = re;
  ErrorHandler.ReportError(this, re);
  ErrorHandler.Recover(this, re);
  }
  finally {
  <finallyAction>
  ExitRule();
  }

```

```

return _localctx;
}
>>

// This behaves similar to RuleFunction (enterRule is called, and no adjustments
// are made to the parse tree), but since it's still a variant no context class
// needs to be generated.
LeftUnfactoredRuleFunction(currentRule,args,code,locals,namedActions,finallyAction,postamble) ::=
<<

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>private <endif><currentRule.ctxType>
<csIdentifier.(currentRule.name)><(args; separator=", "> {
  <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>>>);
  EnterRule(_localctx, <currentRule.startState>, RULE_<currentRule.variantOf>);
  <namedActions.init>
  <locals; separator="\n">
  try {
  <if(currentRule.hasLookaheadBlock)>
    int _alt;
  <endif>
  <code>
  <postamble; separator="\n">
  <namedActions.after>
  }
  catch (RecognitionException re) {
    _localctx.exception = re;
    ErrorHandler.ReportError(this, re);
    ErrorHandler.Recover(this, re);
  }
  finally {
    <finallyAction>
    ExitRule();
  }
  return _localctx;
}
>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
  namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

[RuleVersion(<namedActions.version; null="0">)]
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public <endif><currentRule.ctxType>
<csIdentifier.(currentRule.name)><(args; separator=", "> {

```

```

return <csIdentifier.(currentRule.name)>(0<currentRule.args:{a | , <csIdentifier.(a.name)>}>>);
}

private <currentRule.ctxType> <csIdentifier.(currentRule.name)>(int _p<args:{a | , <a>}>) {
  ParserRuleContext _parentctx = Context;
  int _parentState = State;
  <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, _parentState<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>>);
  <currentRule.ctxType> _prevctx = _localctx;
  int _startState = <currentRule.startState>;
  EnterRecursionRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>, _p);
  <namedActions.init>
  <locals; separator="\n">
  try {
  <if(currentRule.hasLookaheadBlock)>
    int _alt;
  <endif>
  <code>
  <postamble; separator="\n">
  <namedActions.after>
  }
  catch (RecognitionException re) {
    _localctx.exception = re;
    ErrorHandler.ReportError(this, re);
    ErrorHandler.Recover(this, re);
  }
  finally {
    <finallyAction>
    UnrollRecursionContexts(_parentctx);
  }
  return _localctx;
}
>>

```

```

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
EnterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

```

```

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
{
  <locals; separator="\n">
  <preamble; separator="\n">
  <ops; separator="\n">
}
>>

```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<if(choice.label)><labelref(choice.label)> = TokenStream.LT(1);<endif>
<preamble; separator="\n">
switch (TokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
<alt>
break;}; separator="\n">
default:
<error>
}
>>

```

```

LL1OptionalBlock(choice, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
switch (TokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
<alt>
break;}; separator="\n">
default:
<error>
}
>>

```

```

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<preamble; separator="\n">
if (<expr>) {
<alts; separator="\n">
}
<!else if ( !(<followExpr> ) <error>!>
>>

```

```

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<preamble; separator="\n">
while (<loopExpr>) {
<alts; separator="\n">
State = <choice.loopBackStateNumber>;
ErrorHandler.Sync(this);
<iteration>
}
>>

```



```

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
State = <choice.blockStartStateNumber>;<! alt block decision !>
ErrorHandler.Sync(this);
<preamble; separator="\n">
do {
  <alts; separator="\n">
  State = <choice.stateNumber>;<! loopback/exit decision !>
  ErrorHandler.Sync(this);
  <iteration>
} while ( <loopExpr> );
>>

```

```
// LL(*) stuff
```

```

AltBlock(choice, preamble, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<if(choice.label)><labelref(choice.label)> = TokenStream.LT(1);<endif>
<preamble; separator="\n">
switch ( Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context) ) {
  <alts:{alt |
  case <i>:
    <alt>
    break;}; separator="\n">
}
>>

```

```

OptionalBlock(choice, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
switch ( Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context) ) {
  <alts:{alt |
  case <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
    break;}; separator="\n">
}
>>

```

```

StarBlock(choice, alts, sync, iteration) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
_alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
while ( _alt!=<choice.exitAlt> && _alt!=global::Antlr4.Runtime.Atn.ATN.INVALID_ALT_NUMBER ) {
  if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
    <iteration>
    <alts> <! should only be one !>
  }
}

```

```

State = <choice.loopBackStateNumber>;
ErrorHandler.Sync(this);
_alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
}
>>

```

```

PlusBlock(choice, alts, error) ::= <<
State = <choice.blockStartStateNumber>;<! alt block decision !>
ErrorHandler.Sync(this);
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
switch (_alt) {
<alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
<alt>
break;}; separator="\n">
default:
<error>
}
State = <choice.loopBackStateNumber>;<! loopback/exit decision !>
ErrorHandler.Sync(this);
_alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
} while ( _alt!=<choice.exitAlt> && _alt!=global::Antlr4.Runtime.Atn.ATN.INVALID_ALT_NUMBER );
>>

```

```

Sync(s) ::= "Sync(<s.expecting.name>);"

```

```

ThrowNoViableAlt(t) ::= "throw new NoViableAltException(this);"

```

```

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">
>>

```

```

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

```

```

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((1L \<< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes:{ ttype | (1L \<< <offsetShift(tokenType.(ttype), bits.shift)>)}); separator=" | ">) != 0)
%>

```

```

isZero ::= [
"0":true,
default:false

```

```

]

offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))><shiftAmount> - <offset><else><shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ ttype | <s.varName>==<tokenType.(ttype)>}; separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{ t | case <tokenType.(t)>}; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
State = <r.stateNumber>; <if(r.labels)><r.labels:{ l | <labelref(l)> =
}><endif><csIdentifier.(r.name)><(if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)><endif><endif><arg
ExprsChunks>;
>>

MatchToken(m) ::= <<
State = <m.stateNumber>; <if(m.labels)><m.labels:{ l | <labelref(l)> = }><endif>Match(<tokenType.(m.name)>);
>>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::= <<
State = <m.stateNumber>;
<if(m.labels)><m.labels:{ l | <labelref(l)> = }>TokenStream.LT(1);<endif>
<capture>
if ( <if(invert)><m.varName> \<= 0 || <else>!<endif><expr> ) {
  <if(m.labels)><m.labels:{ l | <labelref(l)> = }><endif>ErrorHandler.RecoverInline(this);
}
else {
  ErrorHandler.ReportMatch(this);
  Consume();
}
>>

Wildcard(w) ::= <<
State = <w.stateNumber>;
<if(w.labels)><w.labels:{ l | <labelref(l)> = }><endif>MatchWildcard();
>>

// ACTION STUFF

```

```

Action(a, foo, chunks) ::= "<chunks>"

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
State = <p.stateNumber>;
if (!<chunks>) throw new FailedPredicateException(this, <p.predicate><if(failChunks)>,
<failChunks><elseif(p.msg)>, <p.msg><endif>);
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
    <catchAction>
}
>>

// lexer actions are not associated with model objects

LexerSkipCommand() ::= "Skip();"
LexerMoreCommand() ::= "More();"
LexerPopModeCommand() ::= "PopMode();"

LexerTypeCommand(arg, grammar) ::= "_type = <tokenType.(arg)>";
LexerChannelCommand(arg, grammar) ::= "_channel = <channelName.(arg)>";
LexerModeCommand(arg, grammar) ::= "_mode = <modeName.(arg)>";
LexerPushModeCommand(arg, grammar) ::= "PushMode(<modeName.(arg)>);"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "_localctx.<csIdentifier.(a.name)>"
LocalRef(a) ::= "_localctx.<csIdentifier.(a.name)>"
RetValRef(a) ::= "_localctx.<csIdentifier.(a.name)>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<csIdentifier.(a.name)>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<csIdentifier.(tokenType.(t.name))>"
LabelRef(t) ::= "<ctx(t)>.<csIdentifier.(t.name)>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(csIdentifier.(t.name))>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<csIdentifier.(s.name)> = <rhsChunks>";

TokenLabelType() ::= "<file.TokenLabelType; null={IToken}>"
InputSymbolType() ::= "<file.InputSymbolType; null={IToken}>"

TokenPropertyRef_text(t) ::= "<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Text:null)"
TokenPropertyRef_type(t) ::= "<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Type:0)"
TokenPropertyRef_line(t) ::= "<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Line:0)"
TokenPropertyRef_pos(t) ::=
"<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.CharPositionInLine:0)"

```

```

TokenPropertyRef_channel(t) ::=
"<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Channel:0)"
TokenPropertyRef_index(t) ::=
"<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.TokenIndex:0)"
TokenPropertyRef_int(t) ::=
"<ctx(t)>.<tokenType.(t.label)>!=null?int.Parse(<ctx(t)>.<tokenType.(t.label)>.Text):0)"

RulePropertyRef_start(r) ::= "<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.Start):null)"
RulePropertyRef_stop(r) ::= "<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.Stop):null)"
RulePropertyRef_text(r) ::=
"<ctx(r)>.<r.label>!=null?TokenStream.GetText(<ctx(r)>.<r.label>.Start,<ctx(r)>.<r.label>.Stop):null)"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "this"

ThisRulePropertyRef_start(r) ::= "_localctx.Start"
ThisRulePropertyRef_stop(r) ::= "_localctx.Stop"
ThisRulePropertyRef_text(r) ::= "TokenStream.GetText(_localctx.Start, TokenStream.LT(-1))"
ThisRulePropertyRef_ctx(r) ::= "_localctx"
ThisRulePropertyRef_parser(r) ::= "this"

NonLocalAttrRef(s) ::= <%((<s.ruleName;
format="cap">Context)GetInvokingContext(<s.ruleIndex>)).<csIdentifier.(s.name)>%>
SetNonLocalAttr(s, rhsChunks) ::=
<%((<s.ruleName; format="cap">Context)GetInvokingContext(<s.ruleIndex>)).<csIdentifier.(s.name)> =
<rhsChunks>;%>

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.Add(<labelref(a.label)>);"

TokenDecl(t) ::= "<TokenLabelType() <csIdentifier.(tokenType.(t.name))>"
TokenTypeDecl(t) ::= "int <csIdentifier.(tokenType.(t.name))>);"
TokenListDecl(t) ::= "IList<IToken> <csIdentifier.(tokenType.(t.name))> = new List<IToken>()"
RuleContextDecl(r) ::= "<r.ctxName> <csIdentifier.(r.name)>"
RuleContextListDecl(rdecl) ::= "IList<<rdecl.ctxName>> <csIdentifier.(rdecl.name)> = new
List<<rdecl.ctxName>>()"

contextGetterCollection(elementType) ::= <%
<elementType>[]
%>

ContextTokenGetterDecl(t) ::=
"public ITerminalNode <csIdentifier.(tokenType.(t.name))>() { return
GetToken(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>, 0); }"
ContextTokenListGetterDecl(t) ::= <<
public <contextGetterCollection("ITerminalNode")> <csIdentifier.(tokenType.(t.name))>() { return
GetTokens(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>); }
>>
ContextTokenListIndexedGetterDecl(t) ::= <<
public ITerminalNode <csIdentifier.(tokenType.(t.name))>(int i) {

```

```

return GetToken(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>, i);
}
>>
ContextRuleGetterDecl(r) ::= <<
public <r.ctxName> <csIdentifier.(r.name)>() {
return GetRuleContext\<<r.ctxName>\>(0);
}
>>
ContextRuleListGetterDecl(r) ::= <<
public <contextGetterCollection({<r.ctxName>})> <csIdentifier.(r.name)>() {
return GetRuleContexts\<<r.ctxName>\>();
}
>>
ContextRuleListIndexedGetterDecl(r) ::= <<
public <r.ctxName> <csIdentifier.(r.name)>(int i) {
return GetRuleContext\<<r.ctxName>\>(i);
}
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
* r becomes rContext.
*/
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenType.(tokenName)>"
ImplicitRuleLabel(ruleName) ::= "_<ruleName>"
ImplicitSetLabel(id) ::= "_tset<id>"
ListLabelName(label) ::= "_<label>"

CaptureNextToken(d) ::= "<d.varName> = TokenStream.LT(1);"
CaptureNextTokenType(d) ::= "<d.varName> = TokenStream.LA(1);"

StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers,
superClass={ParserRuleContext}) ::= <<
public partial class <struct.name> :
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)>, <interfaces;
separator=", "><endif> {
<attrs:{a | public <a>;}; separator="\n">
<getters:{g | <g>;}; separator="\n">
<if(ctorAttrs)>public <struct.name>(ParserRuleContext parent, int invokingState) : base(parent, invokingState) {
}<endif>
public <struct.name>(ParserRuleContext parent, int invokingState<ctorAttrs:{a | , <a>}>)
: base(parent, invokingState)
{
<struct.ctorAttrs:{a | this.<csIdentifier.(a.name)> = <csIdentifier.(a.name)>;}; separator="\n">
}
}

```

```

public override int RuleIndex { get { return RULE_<struct.derivedFromName>; } }
<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
public <struct.name>() { }
public virtual void CopyFrom(<struct.name> context) {
    base.CopyFrom(context);
    <struct.attrs:{ a | this.<csIdentifier.(a.name)> = context.<csIdentifier.(a.name)>; }; separator="\n">
}
<endif>
<dispatchMethods; separator="\n">
<extensionMembers; separator="\n">
}
>>

```

```

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
public partial class <struct.name> : <currentRule.name; format="cap">Context {
    <attrs:{ a | public <a>; }; separator="\n">
    <getters:{ g | <g>; }; separator="\n">
    public <struct.name>(<currentRule.name; format="cap">Context context) { CopyFrom(context); }
    <dispatchMethods; separator="\n">
}
>>

```

```

ListenerDispatchMethod(method) ::= <<
public override void <if(method.isEnter)>Enter<else>Exit<endif>Rule(IParseTreeListener listener) {
    I<parser.grammarName>Listener typedListener = listener as I<parser.grammarName>Listener;
    if (typedListener != null) typedListener.<if(method.isEnter)>Enter<else>Exit<endif><struct.derivedFromName;
format="cap">(this);
}
>>

```

```

VisitorDispatchMethod(method) ::= <<
public override TResult Accept<TResult>(IParseTreeVisitor<TResult> visitor) {
    I<parser.grammarName>Visitor<TResult> typedVisitor = visitor as I<parser.grammarName>Visitor<TResult>;
    if (typedVisitor != null) return typedVisitor.Visit<struct.derivedFromName; format="cap">(this);
    else return visitor.VisitChildren(this);
}
>>

```

```

AttributeDecl(d) ::= "<d.type> <csIdentifier.(d.name)><if(d.initValue)> = <d.initValue><endif>"

```

```

/** If we don't know location of label def x, use this template */

```

```

labelref(x) ::= "<if(!x.isLocal)><typedContext(x.ctx)>.<endif><csIdentifier.(x.name)>"

```

```

/** For any action chunk, what is correctly-typed context struct ptr? */

```

```

ctx(actionChunk) ::= "<typedContext(actionChunk.ctx)>"

```

```

// only casts _localctx to the type when the cast isn't redundant (i.e. to a sub-context for a labeled alt)

```

```

typedContext(ctx) ::= "<if(ctx.provideCopyFrom)>((<ctx.name>)_localctx)<else>_localctx<endif>"

```

```

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "Precpred(Context, <opPrec>)"
recRuleSetReturnAction(src,name) ::= "$<name>=<src>.<name>;"
recRuleSetStopToken() ::= "Context.Stop = TokenStream.LT(-1);"

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
  _localctx = new <ctxName>Context(_parentctx, _parentState);
  <if(label)>
  <if(isListLabel)>
  _localctx.<label>.Add(_prevctx);
  <else>
  _localctx.<label> = _prevctx;
  <endif>
  <endif>
  PushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
  >>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
  _localctx = new <currentAltLabel; format="cap">Context(new <ruleName; format="cap">Context(_parentctx,
  _parentState));
  <if(label)>
  <if(isListLabel)>
  ((<currentAltLabel; format="cap">Context)_localctx).<label>.Add(_prevctx);
  <else>
  ((<currentAltLabel; format="cap">Context)_localctx).<label> = _prevctx;
  <endif>
  <endif>
  PushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
  >>

recRuleReplaceContext(ctxName) ::= <<
  _localctx = new <ctxName>Context(_localctx);
  Context = _localctx;
  _prevctx = _localctx;
  >>

recRuleSetPrevCtx() ::= <<
  if ( ParseListeners!=null )
  TriggerExitRuleEvent();
  _prevctx = _localctx;
  >>

LexerFile(file, lexer, namedActions) ::= <<
  <fileHeader(file.grammarFileName, file.ANTLRVersion)>
  <if(file.genPackage)>
  namespace <file.genPackage> {

```



```

<endif>
<namedActions.header>
using System;
using System.Text;
using Antlr4.Runtime;
using Antlr4.Runtime.Atn;
using Antlr4.Runtime.Misc;
using DFA = Antlr4.Runtime.Dfa.DFA;

<lexer>
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public partial class <csIdentifier.(lexer.name)> : <superClass; null="Lexer"> {
    protected static DFA[] decisionToDFA;
    protected static PredictionContextCache sharedContextCache = new PredictionContextCache();
    public const int
        <lexer.tokens:{k | <tokenType.(k)>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>;
    <if(lexer.channels)>
    public const int
        <lexer.channels:{k | <csIdentifier.(k)>=<lexer.channels.(k)>}; separator=", ", wrap, anchor>;
    <endif>
    <rest(lexer.modes):{m | public const int <modeName.(m)> = <i>; separator="\n">
    public static string[] modeNames = {
        <lexer.modes:{m | "<m>"}; separator=", ", wrap, anchor>
    };

    public static readonly string[] ruleNames = {
        <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
    };

<namedActions.members>

    public <csIdentifier.(lexer.name)>(ICharStream input)
        : base(input)
    {
        Interpreter = new LexerATNSimulator(this, _ATN, decisionToDFA, sharedContextCache);
    }

    <vocabulary(lexer.literalNames, lexer.symbolicNames)>

    public override string GrammarFileName { get { return "<lexer.grammarFileName>"; } }

```

```

public override string[] RuleNames { get { return ruleNames; } }

public override string[] ModeNames { get { return modeNames; } }

public override string SerializedAtn { get { return _serializedATN; } }

static <csIdentifier.(lexer.name)>() {
    decisionToDFA = new DFA[_ATN.NumberOfDecisions];
    for (int i = 0; i < _ATN.NumberOfDecisions; i++) {
        decisionToDFA[i] = new DFA(_ATN.GetDecisionState(i), i);
    }
}
<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>
}
>>

```

```

SerializedATN(model) ::= <<
private static string _serializedATN = _serializeATN();
private static string _serializeATN()
{
    StringBuilder sb = new StringBuilder();
    sb.Append("<model.serialized; wrap={}><\n><\t>sb.Append(">");
    return sb.ToString();
}

```

```

public static readonly ATN _ATN =
    new ATNDeserializer().Deserialize(_serializedATN.ToCharArray());

```

```
>>
```

```

initValue(typeName) ::= <<
default(<typeName>)
>>

```

```
codeFileExtension() ::= ".cs"
```

```

modeName ::= [
    "DEFAULT_MODE" : "DefaultMode",
    default : key
]

```

```

channelName ::= [
    "HIDDEN" : "Hidden",
    "DEFAULT_TOKEN_CHANNEL" : "DefaultTokenChannel",
    default : key
]

```

```
]
```

```
tokenType ::= [  
  "EOF" : "Eof",  
  default : key  
]
```

```
csIdentifier ::= [  
  "abstract" : "@abstract",  
  "as" : "@as",  
  "base" : "@base",  
  "bool" : "@bool",  
  "break" : "@break",  
  "byte" : "@byte",  
  "case" : "@case",  
  "catch" : "@catch",  
  "char" : "@char",  
  "checked" : "@checked",  
  "class" : "@class",  
  "const" : "@const",  
  "continue" : "@continue",  
  "decimal" : "@decimal",  
  "default" : "@default",  
  "delegate" : "@delegate",  
  "do" : "@do",  
  "double" : "@double",  
  "else" : "@else",  
  "enum" : "@enum",  
  "event" : "@event",  
  "explicit" : "@explicit",  
  "extern" : "@extern",  
  "false" : "@false",  
  "finally" : "@finally",  
  "fixed" : "@fixed",  
  "float" : "@float",  
  "for" : "@for",  
  "foreach" : "@foreach",  
  "goto" : "@goto",  
  "if" : "@if",  
  "implicit" : "@implicit",  
  "in" : "@in",  
  "int" : "@int",  
  "interface" : "@interface",  
  "internal" : "@internal",  
  "is" : "@is",  
  "lock" : "@lock",  
  "long" : "@long",  
  "namespace" : "@namespace",
```

```
"new" : "@new",
>null" : "@null",
"object" : "@object",
"operator" : "@operator",
"out" : "@out",
"override" : "@override",
"params" : "@params",
"private" : "@private",
"protected" : "@protected",
"public" : "@public",
"readonly" : "@readonly",
"ref" : "@ref",
"return" : "@return",
"sbyte" : "@sbyte",
"sealed" : "@sealed",
"short" : "@short",
"sizeof" : "@sizeof",
"stackalloc" : "@stackalloc",
"static" : "@static",
"string" : "@string",
"struct" : "@struct",
"switch" : "@switch",
"this" : "@this",
"throw" : "@throw",
>true" : "@true",
"try" : "@try",
"typeof" : "@typeof",
"uint" : "@uint",
"ulong" : "@ulong",
"unchecked" : "@unchecked",
"unsafe" : "@unsafe",
"ushort" : "@ushort",
"using" : "@using",
"virtual" : "@virtual",
"void" : "@void",
"volatile" : "@volatile",
"while" : "@while",
default : key
]
```

Found in path(s):

```
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/tool/templates/codegen/CSharp/CSharp.stg
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*/

// File : A3Lexer.g

// Author : Jim Idle (jimi@temporal-wave.com)

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```

// Version : First implemented as part of ANTLR 3.2 this is the self
//          hosting ANTLR 3 Lexer.
//
// Description
// -----
// This is the definitive lexer grammar for parsing ANTLR V3.x.x grammars. All other
// grammars are derived from this grammar via source code control integration (perforce)
// or by the gdiff tool.
//
// This grammar and its associated grmmars A3Parser.g and A3Walker.g exhibit the following
// traits, which are recommended for all production quality grammars:
//
// 1) They are separate grammars, not composite grammars;
// 2) They implement all supporting methods in a superclass (at least this is recommended
//    for language targets that support inheritance;
// 3) All errors are pushed as far down the parsing chain as possible, which means
//    that the lexer tries to defer error reporting to the parser, and the parser
//    tries to defer error reporting to a semantic phase consisting of a single
//    walk of the AST. The reason for this is that the error messages produced
//    from later phases of the parse will generally have better context and so
//    be more useful to the end user. Consider the message: "Syntax error at 'options'"
//    vs: "You cannot specify two options{ } sections in a single grammar file".
// 4) The lexer is 'programmed' to catch common mistakes such as unterminated literals
//    and report them specifically and not just issue confusing lexer mismatch errors.
//
/** Read in an ANTLR grammar and build an AST. Try not to do
 * any actions, just build the tree.
 *
 * The phases are:
 *
 * A3Lexer.g (this file)
 *     A3Parser.g
 *     A3Verify.g (derived from A3Walker.g)
 * assign.types.g
 * define.g
 * buildnfa.g
 * antlr.print.g (optional)
 * codegen.g
 *
 * Terence Parr
 * University of San Francisco
 * 2005
 * Jim Idle (this v3 grammar)
 * Temporal Wave LLC
 * 2009
 */
lexer grammar ANTLRLexer;

```

```
// =====  
// Note that while this grammar does not care about order of constructs  
// that don't really matter, such as options before @header etc, it must first  
// be parsed by the original v2 parser, before it replaces it. That parser does  
// care about order of structures. Hence we are constrained by the v2 parser  
// for at least the first bootstrap release that causes this parser to replace  
// the v2 version.  
// =====
```

```
// -----
```

```
// Options
```

```
//
```

```
// V3 option directives to tell the tool what we are asking of it for this
```

```
// grammar.
```

```
//
```

```
options {
```

```
    // Target language is Java, which is the default but being specific
```

```
    // here as this grammar is also meant as a good example grammar for
```

```
    // for users.
```

```
    //
```

```
    language    = Java;
```

```
    // The super class that this lexer should expect to inherit from, and
```

```
    // which contains any and all support routines for the lexer. This is
```

```
    // commented out in this baseline (definitive or normative grammar)
```

```
    // - see the ANTLR tool implementation for hints on how to use the super
```

```
    // class
```

```
    //
```

```
    //superclass = AbstractA3Lexer;
```

```
}
```

```
tokens { SEMPREP; TOKEN_REF; RULE_REF; LEXER_CHAR_SET; ARG_ACTION; }
```

```
// Include the copyright in this source and also the generated source
```

```
//
```

```
@lexer::header {
```

```
/*
```

```
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```

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```

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```

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*/

```
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
}
```

```
@members {
```

```
public static final int COMMENTS_CHANNEL = 2;
```

```
public CommonTokenStream tokens; // track stream we push to; need for context info
public boolean isLexerRule = false;
```

```
public void grammarError(ErrorType etype, org.antlr.runtime.Token token, Object... args) { }
```

```
/** scan backwards from current point in this.tokens list
```

```
 * looking for the start of the rule or subrule.
```

```
 * Return token or null if for some reason we can't find the start.
```

```
*/
```

```
public Token getRuleOrSubruleStartToken() {
```

```
    if ( tokens==null ) return null;
```

```
    int i = tokens.index();
```

```
    int n = tokens.size();
```

```
    if ( i>=n ) i = n-1; // seems index == n as we lex
```

```
    while ( i>=0 && i<n ) {
```

```
        int ttype = tokens.get(i).getType();
```

```
        if ( ttype == LPAREN || ttype == TOKEN_REF || ttype == RULE_REF ) {
```

```
            return tokens.get(i);
```

```
        }
```

```
        i--;
```

```
    }
```

```
    return null;
```

```
}
```

```

}

// -----
// Comments
//
// ANTLR comments can be multi or single line and we don't care
// which particularly. However we also accept Javadoc style comments
// of the form: /** ... */ and we do take care to distinguish those
// from ordinary multi-line comments
// Note how we guide the lexical PATH because we want to issue a decriptive
// error message in case of a standalone '/' character, which makes no
// sense in ANTLR source code. We also trap unterminated multi-line comments
//
fragment DOC_COMMENT : ;
COMMENT
@init {

    // Record the start line and offsets as if we need to report an
    // unterminated comment, then we want to show the start of the comment
    // we think is broken, not the end, where people will have to try and work
    // it out themselves.
    //
    int startLine = $line;
    int offset = getCharPositionInLine();
}

: // Eat the first character only, then see if we have a comment
  // or something silly.
  //
  '/' // Comment introducer

(
  // Single line comment, possibly with embedded src/line directives
  // in a similar style to the C pre-processor, allowing generated
  // code to refer the programmer back to the original source code
  // in case of error.
  //
  '/'
  (
    (' $ANTLR')=> ' $ANTLR' SRC
    | ~(NLCHARS)*
  )

| // Multi-line comment, which may be a documentation comment
  // if it starts /** (note that we protect against accidentally
  // recognizing a comment /**/ as a documentation comment
  //
  /** (
    { input.LA(2) != '/' }?=> '*' { $type = DOC_COMMENT; }

```

```

| { true }?=> // Required to cover all alts with predicates
)

// Should we support embedded multiline comments here?
//
(
  // Pick out end of multiline comment and exit the loop
  // if we find it.
  //
  { !(input.LA(1) == '*' && input.LA(2) == '/') }?

  // Anything else other than the non-greedy match of
  // the comment close sequence
  //
  .
)*
(
  // Look for the comment terminator, but if it is accidentally
  // unterminated, then we will hit EOF, which will trigger the
  // epsilon alt and hence we can issue an error message relative
  // to the start of the unterminated multi-line comment
  //
  /*'

|// Unterminated comment!
//
{
  // ErrorManager.msg(Msg.UNTERMINATED_DOC_COMMENT, startLine, offset, $pos, startLine,
offset, $pos, (Object)null);
}
)

|// There was nothing that made sense following the opening '/' and so
// we issue an error regarding the malformed comment
//
{
  // TODO: Insert error message relative to comment start
  //
}
)
{
  // We do not wish to pass the comments in to the parser. If you are
  // writing a formatter then you will want to preserve the comments off
  // channel, but could just skip and save token space if not.
  //
  $channel=COMMENTS_CHANNEL;
}
;

```

```

ARG_OR_CHARSET
options {k=1;}
: {isLexerRule}?=> LEXER_CHAR_SET {$type=LEXER_CHAR_SET;}
| {!isLexerRule}?=> ARG_ACTION
  {
  $type=ARG_ACTION;
  // Set the token text to our gathered string minus outer [ ]
  String t = $text;
  t = t.substring(1,t.length()-1);
  setText(t);
  }
;

```

fragment

LEXER_CHAR_SET

```

: '['
  ('\| ~('\r'\n')
  | ~('\r'\n'\\'|'])
)*
']'
;

```

// -----

// Argument specs

//

// Certain argument lists, such as those specifying call parameters

// to a rule invocation, or input parameters to a rule specification

// are contained within square brackets. In the lexer we consume them

// all at once and sort them out later in the grammar analysis.

//

fragment

ARG_ACTION

```

: '['
  (
    ARG_ACTION

    | ("")=>ACTION_STRING_LITERAL

    | ("\")=>ACTION_CHAR_LITERAL

    | ~('[|']')
  )*
']'
;

```

// -----

```

// Actions
//
// Other than making sure to distinguish between { and } embedded
// within what we have assumed to be literals in the action code, the
// job of the lexer is merely to gather the code within the action
// (delimited by {}) and pass it to the parser as a single token.
// We know that this token will be asked for its text somewhere
// in the upcoming parse, so setting the text here to exclude
// the delimiting {} is no additional overhead.
//
ACTION
: NESTED_ACTION
( '?' {$type = SEMPRED;}
( (WSNLCHARS* '=>') => WSNLCHARS* '=>' // v3 gated sempred
{
Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
t.setLine(state.tokenStartLine);
t.setText(state.text);
t.setCharPositionInLine(state.tokenStartCharPositionInLine);
grammarError(ErrorType.V3_GATED_SEMPRED, t);
}
)?
)?
;

// -----
// Action structure
//
// Many language targets use {} as block delimiters and so we
// must recursively match {} delimited blocks to balance the
// braces. Additionally, we must make some assumptions about
// literal string representation in the target language. We assume
// that they are delimited by ' or " and so consume these
// in their own alts so as not to inadvertently match {}.
// This rule calls itself on matching a {
//
fragment
NESTED_ACTION
@init {

// Record the start line and offsets as if we need to report an
// unterminated block, then we want to show the start of the comment
// we think is broken, not the end, where people will have to try and work
// it out themselves.
//
int startLine = getLine();
int offset = getCharPositionInLine();
}

```

```

: // Action and other blocks start with opening {
//
'{'
(
// And now we can match one of a number of embedded
// elements within the action until we find a
// } that balances the opening {. If we do not find
// the balanced } then we will hit EOF and can issue
// an error message about the brace that we believe to
// be mismatched. This won't be foolproof but we will
// be able to at least report an error against the
// opening brace that we feel is in error and this will
// guide the user to the correction as best we can.
//

// An embedded {} block
//
NESTED_ACTION

| // What appears to be a literal
//
ACTION_CHAR_LITERAL

| // We have assumed that the target language has C/Java
// type comments.
//
COMMENT

| // What appears to be a literal
//
ACTION_STRING_LITERAL

| // What appears to be an escape sequence
//
ACTION_ESC

| // Some other single character that is not
// handled above
//
~(\\|'|\"|/|'{'|'})

)*

(
// Correctly balanced closing brace
//

```

```

    }

|// Looks like have an imbalanced {} block, report
  // with respect to the opening brace.
  //
  {
    // TODO: Report imbalanced {}
    System.out.println("Block starting at line " + startLine + " offset " + (offset+1) + " contains imbalanced {} or
is missing a }");
  }
)
;

// Keywords
// -----
// keywords used to specify ANTLR v3 grammars. Keywords may not be used as
// labels for rules or in any other context where they would be ambiguous
// with the keyword vs some other identifier
// OPTIONS, TOKENS, and CHANNELS must also consume the opening brace that captures
// their option block, as this is the easiest way to parse it separate
// to an ACTION block, despite it using the same {} delimiters.
//
OPTIONS    : 'options' WSNLCHARS* '{' ;
TOKENS_SPEC : 'tokens' WSNLCHARS* '{' ;
CHANNELS   : 'channels' WSNLCHARS* '{' ;

IMPORT     : 'import'       ;
FRAGMENT   : 'fragment'    ;
LEXER      : 'lexer'       ;
PARSER     : 'parser'      ;
GRAMMAR    : 'grammar'     ;
TREE_GRAMMAR : 'tree' WSNLCHARS* 'grammar' ;
PROTECTED  : 'protected'   ;
PUBLIC     : 'public'      ;
PRIVATE    : 'private'     ;
RETURNS    : 'returns'     ;
LOCALS     : 'locals'      ;
THROWS     : 'throws'      ;
CATCH      : 'catch'       ;
FINALLY    : 'finally'     ;
MODE       : 'mode'        ;

// -----
// Punctuation
//
// Character sequences used as separators, delimiters, operators, etc
//

```

```

COLON      ':'
    {
        // scan backwards, looking for a RULE_REF or TOKEN_REF.
        // which would indicate the start of a rule definition.
        // If we see a LPAREN, then it's the start of the subrule.
        // this.tokens is the token string we are pushing into, so
        // just loop backwards looking for a rule definition. Then
        // we set isLexerRule.
        Token t = getRuleOrSubruleStartToken();
        if ( t!=null ) {
            if ( t.getType()==RULE_REF ) isLexerRule = false;
            else if ( t.getType()==TOKEN_REF ) isLexerRule = true;
            // else must be subrule; don't alter context
        }
    }
;

COLONCOLON  '::'      ;
COMMA      ','      ;
SEMI       ';'      ;
LPAREN     '('      ;
RPAREN     ')'      ;
RARROW     '>'      ;
LT         '<'      ;
GT         '>'      ;
ASSIGN     '='      ;
QUESTION   '?'      ;
SYNPRED    '=>'
    {
        Token t = new CommonToken(input, state.type, state.channel,
            state.tokenStartCharIndex, getCharIndex()-1);
        t.setLine(state.tokenStartLine);
        t.setText(state.text);
        t.setCharPositionInLine(state.tokenStartCharPositionInLine);
        grammarError(ErrorType.V3_SYNPRED, t);
        $channel=HIDDEN;
    }
;

STAR       '*'      ;
PLUS       '+'      ;
PLUS_ASSIGN '+='    ;
OR         '|'      ;
DOLLAR     '$'      ;
DOT        '.'      ; // can be WILDCARD or DOT in qid or imported rule ref
RANGE     '..'      ;
AT         '@'      ;
POUND     '#'      ;
NOT        '~'      ;
RBRACE    '}'      ;

```



```

/** Allow unicode rule/token names */
ID : a=NameStartChar NameChar*
{
  if ( Grammar.isTokenName($a.text) ) $type = TOKEN_REF;
  else $type = RULE_REF;
}
;

fragment
NameChar : NameStartChar
| '0'..'9'
| '_'
| '\u00B7'
| '\u0300'..\u036F'
| '\u203F'..\u2040'
;

fragment
NameStartChar
: 'A'..'Z' | 'a'..'z'
| '\u00C0'..\u00D6'
| '\u00D8'..\u00F6'
| '\u00F8'..\u02FF'
| '\u0370'..\u037D'
| '\u037F'..\u1FFF'
| '\u200C'..\u200D'
| '\u2070'..\u218F'
| '\u2C00'..\u2FEF'
| '\u3001'..\uD7FF'
| '\uF900'..\uFDCF'
| '\uFDF0'..\uFEFE'
| '\uFF00'..\uFFFD'
; // ignores | [\u10000-\uEFFFF] ;

// -----
// Literals embedded in actions
//
// Note that we have made the assumption that the language used within
// actions uses the fairly standard " and ' delimiters for literals and
// that within these literals, characters are escaped using the \ character.
// There are some languages which do not conform to this in all cases, such
// as by using /string/ and so on. We will have to deal with such cases if
// if they come up in targets.
//
// Within actions, or other structures that are not part of the ANTLR
// syntax, we may encounter literal characters. Within these, we do

```

```

// not want to inadvertently match things like '}' and so we eat them
// specifically. While this rule is called CHAR it allows for the fact that
// some languages may use/allow ' as the string delimiter.
//
fragment
ACTION_CHAR_LITERAL
: "\"" ((\\)=>ACTION_ESC | ~\" )* "\""
;

// Within actions, or other structures that are not part of the ANTLR
// syntax, we may encounter literal strings. Within these, we do
// not want to inadvertently match things like '}' and so we eat them
// specifically.
//
fragment
ACTION_STRING_LITERAL
: "\"" ((\\)=>ACTION_ESC | ~\" )* "\""
;

// Within literal strings and characters that are not part of the ANTLR
// syntax, we must allow for escaped character sequences so that we do not
// inadvertently recognize the end of a string or character when the terminating
// delimiter has been escaped.
//
fragment
ACTION_ESC
: "\\" .
;

// -----
// Integer
//
// Obviously (I hope) match an arbitrary long sequence of digits.
//
INT : ('0'..'9')+
;

// -----
// Source spec
//
// A fragment rule for picking up information about an originating
// file from which the grammar we are parsing has been generated. This allows
// ANTLR to report errors against the originating file and not the generated
// file.
//
fragment
SRC : 'src' WSCHARS+ file=ACTION_STRING_LITERAL WSCHARS+ line=INT
{

```

```

    // TODO: Add target specific code to change the source file name and current line number
    //
}
;

// -----
// Literal string
//
// ANTLR makes no distinction between a single character literal and a
// multi-character string. All literals are single quote delimited and
// may contain unicode escape sequences of the form \uxxxx, where x
// is a valid hexadecimal number (as per Java basically).
STRING_LITERAL
: "\"" ( ( ESC_SEQ | ~("\\"|\\"|\r|\n' ) ) )*
  ( "\""
  | // Unterminated string literal
    {
      Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
      t.setLine(state.tokenStartLine);
      t.setText(state.text);
      t.setCharPositionInLine(state.tokenStartCharPositionInLine);
      grammarError(ErrorType.UNTERMINATED_STRING_LITERAL, t);
    }
  )
;

// A valid hex digit specification
//
fragment
HEX_DIGIT : ('0'..'9'|'a'..'f'|'A'..'F') ;

// Any kind of escaped character that we can embed within ANTLR
// literal strings.
//
fragment
ESC_SEQ
: "\\"
  (
    // The standard escaped character set such as tab, newline,
    // etc.
    //
    'b'|'t'|'n'|'f'|'r'|'\"'|'\\'|'\''|'\'\'

    | // A Java style Unicode escape sequence
    //
    UNICODE_ESC

    | // An illegal escape sequence

```

```

//
{
    Token t = new CommonToken(input, state.type, state.channel, getCharIndex()-1, getCharIndex());
    t.setText(t.getText());
    t.setLine(input.getLine());
    t.setCharPositionInLine(input.getCharPositionInLine()-1);
    grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE, t);
}
)
;

```

```

fragment
UNICODE_ESC

```

```

@init {

// Flag to tell us whether we have a valid number of
// hex digits in the escape sequence
//
int hCount = 0;
}

: 'u' // Leadin for unicode escape sequence

// We now require 4 hex digits. Note though
// that we accept any number of characters
// and issue an error if we do not get 4. We cannot
// use an infinite count such as + because this
// might consume too many, so we lay out the lexical
// options and issue an error at the invalid paths.
//
(
(
    HEX_DIGIT { hCount++; }
    (
        HEX_DIGIT { hCount++; }
        (
            HEX_DIGIT { hCount++; }
            (
                // Four valid hex digits, we are good
                //
                HEX_DIGIT { hCount++; }

                | // Three valid digits
            )
        )

        | // Two valid digits
    )
)
)

```

```

        | // One valid digit
    )
    )
    | // No valid hex digits at all
)

// Now check the digit count and issue an error if we need to
//
{
    if (hCount != 4) {
        Token t = new CommonToken(input, state.type, state.channel, getCharIndex()-3-hCount, getCharIndex()-
1);
        t.setText(t.getText());
        t.setLine(input.getLine());
        t.setCharPositionInLine(input.getCharPositionInLine()-hCount-2);
        grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE, t);
    }
}
;

// -----
// Whitespace
//
// Characters and character constructs that are of no import
// to the parser and are used to make the grammar easier to read
// for humans.
//
WS
: (
    ' '
    | '\t'
    | '\r'
    | '\n'
    | '\f'
)+
{ $channel=HIDDEN; }
;

// A fragment rule for use in recognizing end of line in
// rules like COMMENT.
//
fragment
NLCHARS
: '\n' | '\r'
;

// A fragment rule for recognizing traditional whitespace
// characters within lexer rules.

```

```

//
fragment
WSCHARS
: ' ' | '\t' | '\f'
;

// A fragment rule for recognizing both traditional whitespace and
// end of line markers, when we don't care to distinguish but don't
// want any action code going on.
//
fragment
WSNLCHARS
: ' ' | '\t' | '\f' | '\n' | '\r'
;

// This rule allows ANTLR 4 to parse grammars using the UTF-8 encoding with a
// byte order mark. Since this Unicode character doesn't appear as a token
// anywhere else in the grammar, we can simply skip all instances of it without
// problem. This rule will not break usage of \uFEFF inside a LEXER_CHAR_SET or
// STRING_LITERAL.
UnicodeBOM
: '\uFEFF' {skip();}
;

// -----
// Illegal Character
//
// This is an illegal character trap which is always the last rule in the
// lexer specification. It matches a single character of any value and being
// the last rule in the file will match when no other rule knows what to do
// about the character. It is reported as an error but is not passed on to the
// parser. This means that the parser to deal with the gramamr file anyway
// but we will not try to analyse or code generate from a file with lexical
// errors.
//
ERRCHAR
: .
{
    Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
    t.setLine(state.tokenStartLine);
    t.setText(state.text);
    t.setCharPositionInLine(state.tokenStartCharPositionInLine);
    String msg = getTokenErrorDisplay(t) + " came as a complete surprise to me";
    grammarError(ErrorType.SYNTAX_ERROR, t, msg);
    state.syntaxErrors++;
    skip();
}
;

```

Found in path(s):

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/ANTLRLexer.g

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*/

Found in path(s):

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/ATNBuilder.java

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 */

/** Find left-recursive rules */

tree grammar LeftRecursiveRuleWalker;

```
options {
  tokenVocab=ANTLRParser;
  ASTLabelType=GrammarAST;
}
```

```
@header {
package org.antlr.v4.parse;
```

```
import org.antlr.v4.misc.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
}
```

```
@members {
private String ruleName;
private int currentOuterAltNumber; // which outer alt of rule?
public int numAlts; // how many alts for this rule total?
```

```
public void setAltAssoc(AltAST altTree, int alt) {}
public void binaryAlt(AltAST altTree, int alt) {}
public void prefixAlt(AltAST altTree, int alt) {}
public void suffixAlt(AltAST altTree, int alt) {}
public void otherAlt(AltAST altTree, int alt) {}
public void setReturnValues(GrammarAST t) {}
}
```

```
@rulecatch { }
```



```

// TODO: can get parser errors for not matching pattern; make them go away
public
rec_rule returns [boolean isLeftRec]
@init
{
    currentOuterAltNumber = 1;
}
: ^(r=RULE id=RULE_REF {ruleName=$id.getText();}
    ruleModifier?
// (ARG_ACTION)? shouldn't allow args, right?
    (^ (RETURNS a=ARG_ACTION {setReturnValues($a;)}))?)
// ( ^ (THROWS .+) )? don't allow
    ( ^ (LOCALS ARG_ACTION) )? // TODO: copy these to gen'd code
    ( ^ (OPTIONS .*)
    | ^ (AT ID ACTION) // TODO: copy
    )*
ruleBlock { $isLeftRec = $ruleBlock.isLeftRec; }
exceptionGroup
)
;

exceptionGroup
: exceptionHandler* finallyClause?
;

exceptionHandler
: ^ (CATCH ARG_ACTION ACTION)
;

finallyClause
: ^ (FINALLY ACTION)
;

ruleModifier
: PUBLIC
| PRIVATE
| PROTECTED
;

ruleBlock returns [boolean isLeftRec]
@init { boolean lr=false; this.numAlts = $start.getChildCount(); }
: ^ ( BLOCK
(
    o=outerAlternative
    { if ($o.isLeftRec) $isLeftRec = true; }
    { currentOuterAltNumber++; }
)+
)
)

```

```

;

/** An alt is either prefix, suffix, binary, or ternary operation or "other" */
outerAlternative returns [boolean isLeftRec]
: (binary)=>      binary
                  {binaryAlt((AltAST)$start, currentOuterAltNumber); $isLeftRec=true;}
| (prefix)=>      prefix
                  {prefixAlt((AltAST)$start, currentOuterAltNumber);}
| (suffix)=>      suffix
                  {suffixAlt((AltAST)$start, currentOuterAltNumber); $isLeftRec=true;}
| nonLeftRecur   {otherAlt((AltAST)$start, currentOuterAltNumber);}
;

binary
: ^( ALT elementOptions? recurse element* recurse epsilonElement* )
  {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
;

prefix
: ^( ALT elementOptions?
  element+
  recurse epsilonElement*
  )
  {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
;

suffix
: ^( ALT elementOptions? recurse element+ )
  {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
;

nonLeftRecur
: ^(ALT elementOptions? element+)
;

recurse
: ^(ASSIGN ID recurseNoLabel)
| ^(PLUS_ASSIGN ID recurseNoLabel)
| recurseNoLabel
;

recurseNoLabel : {((CommonTree)input.LT(1)).getText().equals(ruleName)}? RULE_REF;

token returns [GrammarAST t=null]
: ^(ASSIGN ID s=token {$t = $s.t;})
| ^(PLUS_ASSIGN ID s=token {$t = $s.t;})
| b=STRING_LITERAL      {$t = $b;}
| ^(b=STRING_LITERAL elementOptions) {$t = $b;}

```

```
| ^(c=TOKEN_REF elementOptions) {$t = $c;}
| c=TOKEN_REF      {$t = $c;}
;
```

```
elementOptions
: ^(ELEMENT_OPTIONS elementOption*)
;
```

```
elementOption
: ID
| ^(ASSIGN ID ID)
| ^(ASSIGN ID STRING_LITERAL)
| ^(ASSIGN ID ACTION)
| ^(ASSIGN ID INT)
;
```

```
element
: atom
| ^(NOT element)
| ^(RANGE atom atom)
| ^(ASSIGN ID element)
| ^(PLUS_ASSIGN ID element)
| ^(SET setElement+)
| RULE_REF
| ebnf
| epsilonElement
;
```

```
epsilonElement
: ACTION
| SEMPRED
| EPSILON
| ^(ACTION elementOptions)
| ^(SEMPRED elementOptions)
;
```

```
setElement
: ^(STRING_LITERAL elementOptions)
| ^(TOKEN_REF elementOptions)
| STRING_LITERAL
| TOKEN_REF
;
```

```
ebnf: block
| ^( OPTIONAL block )
| ^( CLOSURE block )
| ^( POSITIVE_CLOSURE block )
;
```

block

```
: ^(BLOCK ACTION? alternative+)
;
```

alternative

```
: ^(ALT elementOptions? element+)
;
```

atom

```
: ^(RULE_REF ARG_ACTION? elementOptions?)
| ^(STRING_LITERAL elementOptions)
| STRING_LITERAL
| ^(TOKEN_REF elementOptions)
| TOKEN_REF
| ^(WILDCARD elementOptions)
| WILDCARD
| ^(DOT ID element)
;
```

Found in path(s):

```
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/parse/LeftRecursiveRuleWalker.g
```

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```
/*
```

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```

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```
*
```

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*/

atn(startState, states, edges, rankdir, decisionRanks, useBox) ::= <<

```
digraph ATN {
rankdir=LR;
<decisionRanks; separator="\n">
<states; separator="\n">
<edges; separator="\n">
}
>>
```

dfa(name, startState, states, edges, rankdir, decisionRanks, useBox) ::= <<

```
digraph <name> {
<if(rankdir)>rankdir=<rankdir>;<endif>
<decisionRanks; separator="\n">
<states; separator="\n">
<edges; separator="\n">
}
>>
```

decision-rank(states) ::= <<

```
{rank=same; rankdir=TB; <states:{s | s<s>}; separator=" "; >}
>>
```

edge(src,target,label,arrowhead,transitionIndex) ::= <<

```
<src><if(transitionIndex)>:p<transitionIndex><endif> -> <target> [fontsize=11, fontname="Courier", arrowsize=.7,
label = "<label>"<if(arrowhead)>, arrowhead = <arrowhead><endif>];
>>
```

action-edge(src,target,label,arrowhead,transitionIndex) ::= <<

```
<src><if(transitionIndex)>:p<transitionIndex><endif> -> <target> [fontsize=11, fontname="Courier", arrowsize=.7,
label = "<label>"<if(arrowhead)>, arrowhead = <arrowhead><endif>];
>>
```

epsilon-edge(src,label,target,arrowhead,transitionIndex,loopback=false) ::= <<

```
<src><if(transitionIndex)>:p<transitionIndex><endif> -> <target> [fontname="Times-Italic",
label="&epsilon;"<if(loopback)>, style="dashed"<endif>];
>>
```

state(state, label, name, transitions) ::= <%

```
<name>[fontsize=11,
label="
```

```
<! rest(transition) tests for decision states: these nodes have a non-empty set of transitions after the first one. !>
```

```

<if(rest(transitions))>
  {
    <! Label on the left side of the record node. !>
    <label>
    |
    <! Named ports in order on right side of record node, no display text. !>
    {<transitions:{t|\<p<i0>>}; separator="|">} }
  <else>
    <label>
  <endif>
  "
<if(rest(transitions))>
  , shape=record, fixedsize=false
<else>
  , shape=circle, fixedsize=true, width=.55
<endif>
  , peripheries=1];
%>

```

```

stopstate(name,label,actionIndex,useBox) ::= <<
<name>[fontsize=11, label="<label><if(actionIndex)>,\naction:<actionIndex><endif>",
<if(useBox)>shape=polygon,sides=4,peripheries=2,fixedsize=false<else>shape=doublecircle, fixedsize=true,
width=.6<endif>];
>>

```

Found in path(s):

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/templates/dot/graphs.stg

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 * THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

```
javaTypeInitMap ::= [
  "int": "0",
  "long": "0",
  "float": "0.0f",
  "double": "0.0",
  "boolean": "false",
  "byte": "0",
  "short": "0",
  "char": "0",
  default: "null" // anything other than a primitive type is an object
]
```

// args must be <object-model-object>, <fields-resulting-in-STs>

```
ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<namedActions.header>
import org.antlr.v4.runtime.atn.*;
import org.antlr.v4.runtime.dfa.DFA;
import org.antlr.v4.runtime.*;
import org.antlr.v4.runtime.misc.*;
import org.antlr.v4.runtime.tree.*;
import java.util.List;
import java.util.Iterator;
import java.util.ArrayList;

<parser>
>>
```

```
ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
```

```

<endif>
<header>
import org.antlr.v4.runtime.tree.ParseTreeListener;

/**
 * This interface defines a complete listener for a parse tree produced by
 * { @link <file.parserName> }.
 */
public interface <file.grammarName>Listener extends ParseTreeListener {
    <file.listenerNames: {lname |
/**
<if(file.listenerLabelRuleNames.(lname))>
 * Enter a parse tree produced by the { @code <lname>\}
 * labeled alternative in { @link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
 * Enter a parse tree produced by { @link <file.parserName>#<lname>\}.
<endif>
 * @param ctx the parse tree
 */
void enter<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);
/**
<if(file.listenerLabelRuleNames.(lname))>
 * Exit a parse tree produced by the { @code <lname>\}
 * labeled alternative in { @link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
 * Exit a parse tree produced by { @link <file.parserName>#<lname>\}.
<endif>
 * @param ctx the parse tree
 */
void exit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx); separator="\n">
}
>>

```

```

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>

```

```

import org.antlr.v4.runtime.ParserRuleContext;
import org.antlr.v4.runtime.tree.ErrorNode;
import org.antlr.v4.runtime.tree.TerminalNode;

```

```

/**
 * This class provides an empty implementation of { @link <file.grammarName>Listener },
 * which can be extended to create a listener which only needs to handle a subset
 * of the available methods.

```



```

*/
public class <file.grammarName>BaseListener implements <file.grammarName>Listener {
    <file.listenerNames: {lname |
/**
 * {@inheritDoc}
 *
 * \<p>The default implementation does nothing.\</p>
 */
    @Override public void enter<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { \}
/**
 * {@inheritDoc}
 *
 * \<p>The default implementation does nothing.\</p>
 */
    @Override public void exit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { \};
    separator="\n">

/**
 * {@inheritDoc}
 *
 * \<p>The default implementation does nothing.\</p>
 */
    @Override public void enterEveryRule(ParserRuleContext ctx) { }
/**
 * {@inheritDoc}
 *
 * \<p>The default implementation does nothing.\</p>
 */
    @Override public void exitEveryRule(ParserRuleContext ctx) { }
/**
 * {@inheritDoc}
 *
 * \<p>The default implementation does nothing.\</p>
 */
    @Override public void visitTerminal(TerminalNode node) { }
/**
 * {@inheritDoc}
 *
 * \<p>The default implementation does nothing.\</p>
 */
    @Override public void visitErrorNode(ErrorNode node) { }
}
>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;

```

```

<endif>
<header>
import org.antlr.v4.runtime.tree.ParseTreeVisitor;

/**
 * This interface defines a complete generic visitor for a parse tree produced
 * by { @link <file.parserName> }.
 *
 * @param \<T> The return type of the visit operation. Use { @link Void } for
 * operations with no return type.
 */
public interface <file.grammarName>Visitor\<T> extends ParseTreeVisitor\<T> {
    <file.visitorNames:{ lname |
/**
<if(file.visitorLabelRuleNames.(lname))>
 * Visit a parse tree produced by the { @code <lname>\}
 * labeled alternative in { @link <file.parserName>#<file.visitorLabelRuleNames.(lname)>\}.
<else>
 * Visit a parse tree produced by { @link <file.parserName>#<lname>\}.
<endif>
 * @param ctx the parse tree
 * @return the visitor result
 */
T visit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);}; separator="\n"
}
>>

```

```

BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>
import org.antlr.v4.runtime.tree.AbstractParseTreeVisitor;

/**
 * This class provides an empty implementation of { @link <file.grammarName>Visitor },
 * which can be extended to create a visitor which only needs to handle a subset
 * of the available methods.
 *
 * @param \<T> The return type of the visit operation. Use { @link Void } for
 * operations with no return type.
 */
public class <file.grammarName>BaseVisitor\<T> extends AbstractParseTreeVisitor\<T> implements
<file.grammarName>Visitor\<T> {
    <file.visitorNames:{ lname |
/**
 * { @inheritDoc\}

```

```

*
* \<p>The default implementation returns the result of calling
* { @link #visitChildren\} on { @code ctx\}.\</p>
*/
@Override public T visit<Iname; format="cap">(<file.parserName>.<Iname; format="cap">Context ctx) { return
visitChildren(ctx); \}}; separator="\n">
}
>>

fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})
public class <parser.name> extends <superClass; null="Parser"> {
static { RuntimeMetaData.checkVersion("<file.ANTLRVersion>", RuntimeMetaData.VERSION); }

protected static final DFA[] _decisionToDFA;
protected static final PredictionContextCache _sharedContextCache =
new PredictionContextCache();
<if(parser.tokens)>
public static final int
<parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator=", ", wrap, anchor>;
<endif>
public static final int
<parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
public static final String[] ruleNames = {
<parser.ruleNames:{r | "<r">}; separator=", ", wrap, anchor>
};

<vocabulary(parser.literalNames, parser.symbolicNames)>

@Override
public String getGrammarFileName() { return "<parser.grammarFileName; format="java-escape">"; }

@Override
public String[] getRuleNames() { return ruleNames; }

@Override
public String getSerializedATN() { return _serializedATN; }

@Override
public ATN getATN() { return _ATN; }

```

```

<namedActions.members>
<parser:(ctor)()>
<funcs; separator="\n">

<if(sempredFuncs)>
public boolean sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
    switch (ruleIndex) {
        <parser.sempredFuncs.values:{f}
    case <f.ruleIndex>:
        return <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
    }
    return true;
    }
    <sempredFuncs.values; separator="\n">
<endif>

<atn>
}
>>

vocabulary(literalNames, symbolicNames) ::= <<
private static final String[] _LITERAL_NAMES = {
    <literalNames:{t | <t>}; null="null", separator=" ", wrap, anchor>
};
private static final String[] _SYMBOLIC_NAMES = {
    <symbolicNames:{t | <t>}; null="null", separator=" ", wrap, anchor>
};
public static final Vocabulary VOCABULARY = new VocabularyImpl(_LITERAL_NAMES,
    _SYMBOLIC_NAMES);

/**
 * @deprecated Use {@link #VOCABULARY} instead.
 */
@Deprecated
public static final String[] tokenNames;
static {
    tokenNames = new String[_SYMBOLIC_NAMES.length];
    for (int i = 0; i < tokenNames.length; i++) {
        tokenNames[i] = VOCABULARY.getLiteralName(i);
        if (tokenNames[i] == null) {
            tokenNames[i] = VOCABULARY.getSymbolicName(i);
        }

        if (tokenNames[i] == null) {
            tokenNames[i] = "<INVALID>";
        }
    }
}

```

```

}

@Override
@Deprecated
public String[] getTokenNames() {
    return tokenNames;
}

@Override

public Vocabulary getVocabulary() {
    return VOCABULARY;
}
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
@Override
public void action(RuleContext _localctx, int ruleIndex, int actionIndex) {
    switch (ruleIndex) {
        <recog.actionFuncs.values:{f}
    case <f.ruleIndex>:
        <f.name>_action((<f.ctxType>)_localctx, actionIndex);
        break;}; separator="\n"
    }
}
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
@Override
public boolean sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
    switch (ruleIndex) {
        <recog.sempredFuncs.values:{f}
    case <f.ruleIndex>:
        return <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n"
    }
    return true;
}
<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(p) ::= <<
public <p.name>(TokenStream input) {
    super(input);
    _interp = new ParserATNSimulator(this, _ATN, _decisionToDFA, _sharedContextCache);
}
>>

```

```

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<
private void <r.name>_action(<r.ctxType> _localctx, int actionIndex) {
    switch (actionIndex) {
        <actions:{index|
case <index>:
        <actions.(index)>
        break;}; separator="\n">
    }
}
>>

/* This generates a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
private boolean <r.name>_sempred(<r.ctxType> _localctx, int predIndex) {
    switch (predIndex) {
        <actions:{index|
case <index>:
        return <actions.(index)>;}; separator="\n">
    }
    return true;
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public final <endif><currentRule.ctxType>
<currentRule.name>(<args; separator=",">) throws RecognitionException {
    <currentRule.ctxType> _localctx = new <currentRule.ctxType>(_ctx, getState())<currentRule.args:{a | ,
<a.name>}>>);
    enterRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>);
    <namedActions.init>
    <locals; separator="\n">
    try {
        <if(currentRule.hasLookaheadBlock)>
        int _alt;
        <endif>
        <code>
        <postamble; separator="\n">

```

```

    <namedActions.after>
  }
  <if(exceptions)>
  <exceptions; separator="\n">
  <else>
  catch (RecognitionException re) {
    _localctx.exception = re;
    _errHandler.reportError(this, re);
    _errHandler.recover(this, re);
  }
  <endif>
  finally {
    <finallyAction>
    exitRule();
  }
  return _localctx;
}
>>

```

```

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
namedActions,finallyAction,postamble) ::=
<<

```

```

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

```

```

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public final <endif><currentRule.ctxType>
<currentRule.name><(<args; separator=", ">) throws RecognitionException {
  return <currentRule.name>(0<currentRule.args:{a | , <a.name>}>);
}

```

```

private <currentRule.ctxType> <currentRule.name>(int _p<args:{a | , <a>}>) throws RecognitionException {
  ParserRuleContext _parentctx = _ctx;
  int _parentState = getState();
  <currentRule.ctxType> _localctx = new <currentRule.ctxType>(_ctx, _parentState<currentRule.args:{a | ,
  <a.name>}>);
  <currentRule.ctxType> _prevctx = _localctx;
  int _startState = <currentRule.startState>;
  enterRecursionRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>, _p);
  <namedActions.init>
  <locals; separator="\n">
  try {
    <if(currentRule.hasLookaheadBlock)>
      int _alt;
    <endif>
    <code>
    <postamble; separator="\n">
    <namedActions.after>
  }
}

```

```

}
catch (RecognitionException re) {
    _localctx.exception = re;
    _errHandler.reportError(this, re);
    _errHandler.recover(this, re);
}
finally {
    <finallyAction>
    unrollRecursionContexts(_parentctx);
}
return _localctx;
}
>>

```

```

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
enterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

```

```

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
{
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
}
>>

```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = _input.LT(1);<endif>
<preamble; separator="\n">
switch (_input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
<alt>
break;}; separator="\n">
default:
<error>
}
>>

```

```

LL1OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
switch (_input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>

```



```

<alt>
break;}; separator="\n">
default:
<error>
}
>>

```

```

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<preamble; separator="\n">
if (<expr>) {
<alts; separator="\n">
}
<!else if ( !(<followExpr>) ) <error>!>
>>

```

```

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<preamble; separator="\n">
while (<loopExpr>) {
<alts; separator="\n">
setState(<choice.loopBackStateNumber>);
_errHandler.sync(this);
<iteration>
}
>>

```

```

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.blockStartStateNumber>); <! alt block decision !>
_errHandler.sync(this);
<preamble; separator="\n">
do {
<alts; separator="\n">
setState(<choice.stateNumber>); <! loopback/exit decision !>
_errHandler.sync(this);
<iteration>
} while ( <loopExpr> );
>>

```

```

// LL(*) stuff

```

```

AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = _input.LT(1);<endif>
<preamble; separator="\n">

```

```

switch ( getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx) ) {
<alts:{alt |
case <i>:
<alt>
break;}; separator="\n">
}
>>

```

```

OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
switch ( getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx) ) {
<alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
<alt>
break;}; separator="\n">
}
>>

```

```

StarBlock(choice, alts, sync, iteration) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
_alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);
while ( _alt!=<choice.exitAlt> && _alt!=org.antlr.v4.runtime.atn.ATN.INVALID_ALT_NUMBER ) {
if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
<iteration>
<alts> <! should only be one !>
}
setState(<choice.loopBackStateNumber>);
_errHandler.sync(this);
_alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);
}
>>

```

```

PlusBlock(choice, alts, error) ::= <<
setState(<choice.blockStartStateNumber>); <! alt block decision !>
_errHandler.sync(this);
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
switch (_alt) {
<alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
<alt>
break;}; separator="\n">
default:
<error>
}
setState(<choice.loopBackStateNumber>); <! loopback/exit decision !>

```

```

_errHandler.sync(this);
_alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);
} while ( _alt!=<choice.exitAlt> && _alt!=org.antlr.v4.runtime.atn.ATN.INVALID_ALT_NUMBER );
>>

Sync(s) ::= "sync(<s.expecting.name>);"

ThrowNoViableAlt(t) ::= "throw new NoViableAltException(this);"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>} ; separator=" || ">
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((1L \<< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes:{ ttype | (1L \<< <offsetShift(ttype, bits.shift)>)}); separator=" | ">)) != 0
%>

isZero ::= [
"0":true,
default:false
]

offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))><shiftAmount> - <offset><else><shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ ttype | <s.varName>==<ttype>} ; separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{ t | case <t>} ; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
setState(<r.stateNumber>);
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif><r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>
);

```

>>

```
MatchToken(m) ::= <<
  setState(<m.stateNumber>);
  <if(m.labels)><m.labels:{1 | <labelref(l)> = }><endif>match(<m.name>);
>>
```

```
MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"
```

```
MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"
```

```
CommonSetStuff(m, expr, capture, invert) ::= <<
  setState(<m.stateNumber>);
  <if(m.labels)><m.labels:{1 | <labelref(l)> = }>_input.LT(1);<endif>
  <capture>
  if ( <if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr> ) ) {
    <if(m.labels)><m.labels:{1 | <labelref(l)> = (Token)}><endif>_errHandler.recoverInline(this);
  }
  else {
    if ( _input.LA(1)==Token.EOF ) matchedEOF = true;
    _errHandler.reportMatch(this);
    consume();
  }
>>
```

```
Wildcard(w) ::= <<
  setState(<w.stateNumber>);
  <if(w.labels)><w.labels:{1 | <labelref(l)> = }><endif>matchWildcard();
>>
```

```
// ACTION STUFF
```

```
Action(a, foo, chunks) ::= "<chunks>"
```

```
ArgAction(a, chunks) ::= "<chunks>"
```

```
SemPred(p, chunks, failChunks) ::= <<
  setState(<p.stateNumber>);
  if (!(<chunks>)) throw new FailedPredicateException(this, <p.predicate><if(failChunks)>,
  <failChunks><elseif(p.msg)>, <p.msg><endif>);
>>
```

```
ExceptionClause(e, catchArg, catchAction) ::= <<
  catch (<catchArg>) {
    <catchAction>
  }
>>
```

```
// lexer actions are not associated with model objects
```

```
LexerSkipCommand() ::= "skip()";
```

```
LexerMoreCommand() ::= "more()";
```

```
LexerPopModeCommand() ::= "popMode()";
```

```
LexerTypeCommand(arg, grammar) ::= "_type = <arg>";
```

```
LexerChannelCommand(arg, grammar) ::= "_channel = <arg>";
```

```
LexerModeCommand(arg, grammar) ::= "_mode = <arg>";
```

```
LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>);"
```

```
ActionText(t) ::= "<t.text>"
```

```
ActionTemplate(t) ::= "<t.st>"
```

```
ArgRef(a) ::= "_localctx.<a.name>"
```

```
LocalRef(a) ::= "_localctx.<a.name>"
```

```
RetValRef(a) ::= "_localctx.<a.name>"
```

```
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
```

```
/** How to translate $tokenLabel */
```

```
TokenRef(t) ::= "<ctx(t)>.<t.name>"
```

```
LabelRef(t) ::= "<ctx(t)>.<t.name>"
```

```
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
```

```
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>";
```

```
TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
```

```
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"
```

```
TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getText():null)"
```

```
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getType():0)"
```

```
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getLine():0)"
```

```
TokenPropertyRef_pos(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getCharPositionInLine():0)"
```

```
TokenPropertyRef_channel(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getChannel():0)"
```

```
TokenPropertyRef_index(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getTokenIndex():0)"
```

```
TokenPropertyRef_int(t) ::= "(<ctx(t)>.<t.label>!=null?Integer.valueOf(<ctx(t)>.<t.label>.getText():0)"
```

```
RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.start):null)"
```

```
RulePropertyRef_stop(r) ::= "(<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.stop):null)"
```

```
RulePropertyRef_text(r) ::=
```

```
"(<ctx(r)>.<r.label>!=null?_input.getText(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop):null)"
```

```
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
```

```
RulePropertyRef_parser(r) ::= "this"
```

```
ThisRulePropertyRef_start(r) ::= "_localctx.start"
```

```
ThisRulePropertyRef_stop(r) ::= "_localctx.stop"
```

```
ThisRulePropertyRef_text(r) ::= "_input.getText(_localctx.start, _input.LT(-1))"
```

```
ThisRulePropertyRef_ctx(r) ::= "_localctx"
```

```
ThisRulePropertyRef_parser(r) ::= "this"
```

```
NonLocalAttrRef(s) ::= "(<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>).<s.name>"
```

```

SetNonLocalAttr(s, rhsChunks) ::=
"(((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name> = <rhsChunks>);"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.add(<labelref(a.label)>);"

TokenDecl(t) ::= "<TokenLabelType()> <t.name>"
TokenTypeDecl(t) ::= "int <t.name>);"
TokenListDecl(t) ::= "List<Token> <t.name> = new ArrayList<Token>()"
RuleContextDecl(r) ::= "<r.ctxName> <r.name>"
RuleContextListDecl(rdecl) ::= "List<<rdecl.ctxName>> <rdecl.name> = new ArrayList<<rdecl.ctxName>>()"

ContextTokenGetterDecl(t) ::=
"public TerminalNode <t.name>() { return getToken(<parser.name>.<t.name>, 0); }"
ContextTokenListGetterDecl(t) ::=
"public List<TerminalNode> <t.name>() { return getTokens(<parser.name>.<t.name>); }"
ContextTokenListIndexedGetterDecl(t) ::= <<
public TerminalNode <t.name>(int i) {
return getToken(<parser.name>.<t.name>, i);
}
>>
ContextRuleGetterDecl(r) ::= <<
public <r.ctxName> <r.name>() {
return getRuleContext(<r.ctxName>.class,0);
}
>>
ContextRuleListGetterDecl(r) ::= <<
public List<<r.ctxName>> <r.name>() {
return getRuleContexts(<r.ctxName>.class);
}
>>
ContextRuleListIndexedGetterDecl(r) ::= <<
public <r.ctxName> <r.name>(int i) {
return getRuleContext(<r.ctxName>.class,i);
}
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
* r becomes rContext.
*/
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "<tokenName>"
ImplicitRuleLabel(ruleName) ::= "<ruleName>"
ImplicitSetLabel(id) ::= "_tset<id>"
ListLabelName(label) ::= "<label>"

```

```
CaptureNextToken(d) ::= "<d.varName> = _input.LT(1);"  
CaptureNextTokenType(d) ::= "<d.varName> = _input.LA(1);"
```

```
StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers)  
 ::= <<  
 public static class <struct.name> extends  
 <if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)> implements  
 <interfaces; separator=", "><endif> {  
 <attrs:{ a | public <a>;}; separator="\n">  
 <getters:{ g | <g>;}; separator="\n">  
 <if(ctorAttrs)>public <struct.name>(ParserRuleContext parent, int invokingState) { super(parent, invokingState);  
 }<endif>  
 public <struct.name>(ParserRuleContext parent, int invokingState<ctorAttrs:{ a | , <a>}>) {  
 super(parent, invokingState);  
 <struct.ctorAttrs:{ a | this.<a.name> = <a.name>;}; separator="\n">  
 }  
 @Override public int getRuleIndex() { return RULE_<struct.derivedFromName>; }  
 <if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>  
 public <struct.name>() { }  
 public void copyFrom(<struct.name> ctx) {  
 super.copyFrom(ctx);  
 <struct.attrs:{ a | this.<a.name> = ctx.<a.name>;}; separator="\n">  
 }  
 <endif>  
 <dispatchMethods; separator="\n">  
 <extensionMembers; separator="\n">  
 }  
 >>
```

```
AltLabelStructDecl(struct,attrs, getters,dispatchMethods) ::= <<  
 public static class <struct.name> extends <currentRule.name; format="cap">Context {  
 <attrs:{ a | public <a>;}; separator="\n">  
 <getters:{ g | <g>;}; separator="\n">  
 public <struct.name>(<currentRule.name; format="cap">Context ctx) { copyFrom(ctx); }  
 <dispatchMethods; separator="\n">  
 }  
 >>
```

```
ListenerDispatchMethod(method) ::= <<  
 @Override  
 public void <if(method.isEnter)>enter<else>exit<endif>Rule(ParseTreeListener listener) {  
 if ( listener instanceof <parser.grammarName>Listener )  
 ((<parser.grammarName>Listener)listener).<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName>;  
 format="cap">(this);  
 }  
 >>
```

```
VisitorDispatchMethod(method) ::= <<
```

```

@Override
public <T> T accept(ParseTreeVisitor<? extends T> visitor) {
    if ( visitor instanceof <parser.grammarName>Visitor ) return ((<parser.grammarName>Visitor<? extends
T>)visitor).visit<struct.derivedFromName; format="cap">(this);
    else return visitor.visitChildren(this);
}
>>

```

```

AttributeDecl(d) ::= "<d.type> <d.name><if(d.initValue)> = <d.initValue><endif>"

```

```

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>((<x.ctx.name>)_localctx).<endif><x.name>"

```

```

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "((<actionChunk.ctx.name>)_localctx)"

```

```

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "precpred(_ctx, <opPrec>)"
recRuleSetReturnAction(src,name) ::= "$<name>=<src>.<name>;"
recRuleSetStopToken() ::= "_ctx.stop = _input.LT(-1);"

```

```

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
    _localctx = new <ctxName>Context(_parentctx, _parentState);
    <if(label)>
    <if(isListLabel)>
        _localctx.<label>.add(_prevctx);
    <else>
        _localctx.<label> = _prevctx;
    <endif>
    <endif>
    <if(label)>_localctx.<label> = _prevctx;<endif>
    pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>

```

```

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
    _localctx = new <currentAltLabel; format="cap">Context(new <ruleName; format="cap">Context(_parentctx,
    _parentState));
    <if(label)>
    <if(isListLabel)>
        ((<currentAltLabel; format="cap">Context)_localctx).<label>.add(_prevctx);
    <else>
        ((<currentAltLabel; format="cap">Context)_localctx).<label> = _prevctx;
    <endif>
    <endif>
    pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>

```

```

recRuleReplaceContext(ctxName) ::= <<

```



```

_localctx = new <ctxName>Context(_localctx);
_ctx = _localctx;
_prevctx = _localctx;
>>

```

```

recRuleSetPrevCtx() ::= <<
if ( _parseListeners!=null ) triggerExitRuleEvent();
_prevctx = _localctx;
>>

```

```

LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
<if(lexerFile.genPackage)>
package <lexerFile.genPackage>;
<endif>
<namedActions.header>
import org.antlr.v4.runtime.Lexer;
import org.antlr.v4.runtime.CharStream;
import org.antlr.v4.runtime.Token;
import org.antlr.v4.runtime.TokenStream;
import org.antlr.v4.runtime.*;
import org.antlr.v4.runtime.atn.*;
import org.antlr.v4.runtime.dfa.DFA;
import org.antlr.v4.runtime.misc.*;

<lexer>
>>

```

```

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})
public class <lexer.name> extends <superClass; null="Lexer"> {
static { RuntimeMetaData.checkVersion("<lexerFile.ANTLRVersion>", RuntimeMetaData.VERSION); }

protected static final DFA[] _decisionToDFA;
protected static final PredictionContextCache _sharedContextCache =
new PredictionContextCache();
public static final int
<lexer.tokens:{k | <k>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>;
<if(lexer.channels)>
public static final int
<lexer.channels:{k | <k>=<lexer.channels.(k)>}; separator=", ", wrap, anchor>;
<endif>
<rest(lexer.modes):{m| public static final int <m> = <i>;}; separator="\n">
public static String[] modeNames = {
<lexer.modes:{m | "<m>"}; separator=", ", wrap, anchor>
};
};

```

```

public static final String[] ruleNames = {
    <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
};

<vocabulary(lexer.literalNames, lexer.symbolicNames)>

<namedActions.members>

public <lexer.name>(CharStream input) {
    super(input);
    _interp = new LexerATNSimulator(this,_ATN,_decisionToDFA,_sharedContextCache);
}

@Override
public String getGrammarFileName() { return "<lexer.grammarFileName>"; }

@Override
public String[] getRuleNames() { return ruleNames; }

@Override
public String getSerializedATN() { return _serializedATN; }

@Override
public String[] getModeNames() { return modeNames; }

@Override
public ATN getATN() { return _ATN; }

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>
}
>>

SerializedATN(model) ::= <<
<if(rest(model.segments))>
<! requires segmented representation !>
private static final int _serializedATNSegments = <length(model.segments)>;
<model.segments:{segment|private static final String _serializedATNSegment<i0> =
"<segment; wrap="{ "+<\n><\t>"}>";}; separator="\n">
public static final String _serializedATN = Utils.join(
    new String[] {
        <model.segments:{segment | _serializedATNSegment<i0>}; separator=",\n">
    },
    ""
);
<else>
<! only one segment, can be inlined !>
public static final String _serializedATN =

```

```

"<model.serialized; wrap={ "+<\n><\t>">";
<endif>
public static final ATN _ATN =
    new ATNDeserializer().deserialize(_serializedATN.toCharArray());
static {
    _decisionToDFA = new DFA[_ATN.getNumberOfDecisions()];
    for (int i = 0; i < _ATN.getNumberOfDecisions(); i++) {
        _decisionToDFA[i] = new DFA(_ATN.getDecisionState(i), i);
    }
    <! org.antlr.v4.tool.DOTGenerator dot = new org.antlr.v4.tool.DOTGenerator(null);!>
    <! System.out.println(dot.getDOT(_ATN.decisionToState.get(0), ruleNames, false));!>
    <! System.out.println(dot.getDOT(_ATN.ruleToStartState[2], ruleNames, false));!>
}
>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<javaTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".java"

```

Found in path(s):

```

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/tool/templates/codegen/Java/Java.stg

```

No license file was found, but licenses were detected in source scan.

```

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```

```

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*/

```

```

/** ANTLR tool checks output templates are compatible with tool code generation.

```

```

* For now, a simple string match used on x.y of x.y.z scheme.

```

```

* Must match Tool.VERSION during load to templates.

```

```

*

```

```

* REQUIRED.

```

```

*/

```

```

pythonTypeInitMap ::= [
  "bool":"False",
  "int":"0",
  "float":"0.0",
  "str": "",
  default:"None" // anything other than a primitive type is an object
]

```

```

// args must be <object-model-object>, <fields-resulting-in-STs>

```

```

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<

```

```

<fileHeader(file.grammarFileName, file.ANTLRVersion)>

```

```

# encoding: utf-8

```

```

from antlr4 import *

```

```

from io import StringIO

```

```

<namedActions.header>

```

```

<parser>

```

```

>>

```

```

ListenerFile(file, header, namedActions) ::= <<

```

```

<fileHeader(file.grammarFileName, file.ANTLRVersion)>

```

```

from antlr4 import *

```

```

if __name__ is not None and "." in __name__:

```

```

    from .<file.parserName> import <file.parserName>

```

```

else:

```

```

    from <file.parserName> import <file.parserName>

```

```

<header>

```

```

# This class defines a complete listener for a parse tree produced by <file.parserName>.
class <file.grammarName>Listener(ParseTreeListener):

    <file.listenerNames:{lname |
# Enter a parse tree produced by <file.parserName>#<lname>.
def enter<lname; format="cap">(self, ctx:<file.parserName>.<lname; format="cap">Context):
    pass

# Exit a parse tree produced by <file.parserName>#<lname>.
def exit<lname; format="cap">(self, ctx:<file.parserName>.<lname; format="cap">Context):
    pass

}; separator="\n">

>>

```

```

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
if __name__ is not None and "." in __name__:
    from .<file.parserName> import <file.parserName>
else:
    from <file.parserName> import <file.parserName>
<header>

```

```

# This class defines a complete generic visitor for a parse tree produced by <file.parserName>.

class <file.grammarName>Visitor(ParseTreeVisitor):

    <file.visitorNames:{lname |
# Visit a parse tree produced by <file.parserName>#<lname>.
def visit<lname; format="cap">(self, ctx:<file.parserName>.<lname; format="cap">Context):
    return self.visitChildren(ctx)

}; separator="\n">

del <file.parserName>

>>

```

```

fileHeader(grammarFileName, ANTLRVersion) ::= <<
# Generated from <grammarFileName> by ANTLR <ANTLRVersion>
>>

```

```

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>

```

>>

```
Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<if(superClass)>
from .<superClass> import <superClass>

<endif>
<atn>

class <parser.name> ( <if(superClass)><superClass><else>Parser<endif> ):

    grammarFileName = "<parser.grammarFileName>"

    atn = ATNDeserializer().deserialize(serializedATN())

    decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

    sharedContextCache = PredictionContextCache()

    literalNames = [ <parser.literalNames:{t | <t>}; null="\\"<INVALID>\\"", separator=", ", wrap, anchor> ]

    symbolicNames = [ <parser.symbolicNames:{t | <t>}; null="\\"<INVALID>\\"", separator=", ", wrap, anchor> ]

    <parser.rules:{r | RULE_<r.name> = <r.index>}; separator="\n", wrap, anchor>

    ruleNames = [ <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ]

    EOF = <TokenLabelType().EOF>
    <if(parser.tokens)>
    <parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator="\n", wrap, anchor>
    <endif>

    <parser:(ctor())>

    <namedActions.members>

    <funcs; separator="\n">

    <if(sempredFuncs)>
    def sempred(self, localctx:RuleContext, ruleIndex:int, predIndex:int):
        if self._predicates == None:
            self._predicates = dict()
    <parser.sempredFuncs.values:{f |
        self._predicates[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n " ">
        pred = self._predicates.get(ruleIndex, None)
        if pred is None:
            raise Exception("No predicate with index:" + str(ruleIndex))
```

```

else:
    return pred(localctx, predIndex)

<sempredFuncs.values; separator="\n">
<endif>

>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
def action(self, localctx:RuleContext, ruleIndex:int, actionIndex:int):
    if self._actions is None:
        actions = dict()
    <recog.actionFuncs.values:{f|
        actions[<f.ruleIndex>] = self.<f.name>_action }; separator="\n">
        self._actions = actions
    action = self._actions.get(ruleIndex, None)
    if action is not None:
        action(localctx, actionIndex)
    else:
        raise Exception("No registered action for:" + str(ruleIndex))

<actionFuncs.values; separator="\n">

<endif>
<if(sempredFuncs)>
def sempred(self, localctx:RuleContext, ruleIndex:int, predIndex:int):
    if self._predicates is None:
        preds = dict()
    <recog.sempredFuncs.values:{f|
        preds[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n">
        self._predicates = preds
    pred = self._predicates.get(ruleIndex, None)
    if pred is not None:
        return pred(localctx, predIndex)
    else:
        raise Exception("No registered predicate for:" + str(ruleIndex))

<sempredFuncs.values; separator="\n">
<endif>

>>

parser_ctor(p) ::= <<
def __init__(self, input:TokenStream):
    super().__init__(input)
    self.checkVersion("<file.ANTLRVersion>")

```

```

self._interp = ParserATNSimulator(self, self.atn, self.decisionsToDFA, self.sharedContextCache)
self._predicates = None

>>

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<

def <r.name>_action(self, localctx:<r.ctxType> , actionIndex:int):
<actions:{index|
<if(first(actions))>
  if actionIndex == <index>:
    <actions.(index)>
<elseif(rest(actions))>
  elif actionIndex == <index>:
    <actions.(index)>
<endif> }; separator="\n">
>>

/* This generates a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
def <r.name>_sempred(self, localctx:<r.ctxType>, predIndex:int):
  <actions:{index|
<if(first(actions))>
  if predIndex == <index>:
    return <actions.(index)>
<elseif(rest(actions))>
  elif predIndex == <index>:
    return <actions.(index)>
<endif> }; separator="\n">
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<ruleCtx>

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

def <currentRule.name>(self<currentRule.args:{a | , <a.name><if(a.type)>:<a.type><endif>}>):

  localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, self.state<currentRule.args:{a | , <a.name>}>)
  self.enterRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>)

```



```

<namedActions.init>
<locals; separator="\n">
try:
  <code>
  <postamble; separator="\n">
  <namedActions.after>
<if(exceptions)>
<exceptions; separator="\n">
<else>
except RecognitionException as re:
  localctx.exception = re
  self._errHandler.reportError(self, re)
  self._errHandler.recover(self, re)
<endif>
finally:
  <finallyAction>
  self.exitRule()
return localctx

```

>>

```

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
namedAction,finallyAction,postamble) ::=

```

<<

```

<ruleCtx>

```

```

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

```

```

def <currentRule.name>(self, _p:int=0<if(currentRule.args)>, <args:{ a | , <a>}><endif>):
  _parentctx = self._ctx
  _parentState = self.state
  localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, _parentState<args:{ a | , <a.name>}>))
  _prevctx = localctx
  _startState = <currentRule.startState>
  self.enterRecursionRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>, _p)
  <namedActions.init>
  <locals; separator="\n">
  try:
    <code>
    <postamble; separator="\n">
    <namedActions.after>
  except RecognitionException as re:
    localctx.exception = re
    self._errHandler.reportError(self, re)
    self._errHandler.recover(self, re)
  finally:
    <finallyAction>
    self.unrollRecursionContexts(_parentctx)

```

```
return localctx
```

```
>>
```

```
CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<  
<if(currentOuterMostAltCodeBlock.altLabel)>localctx = <parser.name>.<currentOuterMostAltCodeBlock.altLabel;  
format="cap">Context(self, localctx)<endif>  
self.enterOuterAlt(localctx, <currentOuterMostAltCodeBlock.alt.altNum>)  
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>  
>>
```

```
CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<  
<locals; separator="\n">  
<preamble; separator="\n">  
<ops; separator="\n">  
>>
```

```
LL1AltBlock(choice, preamble, alts, error) ::= <<  
self.state = <choice.stateNumber>  
self._errHandler.sync(self)  
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>  
<preamble; separator="\n">  
token = self._input.LA(1)  
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>  
  <alt>  
  pass}; separator="\nel">  
else:  
  <error>  
>>
```

```
LL1OptionalBlock(choice, alts, error) ::= <<  
self.state = <choice.stateNumber>  
self._errHandler.sync(self)  
token = self._input.LA(1)  
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>  
  <alt>  
  pass}; separator="\nel">  
else:  
  <error>  
>>
```

```
LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<  
self.state = <choice.stateNumber>  
self._errHandler.sync(self)  
<preamble; separator="\n">  
if <expr>:  
  <alts; separator="\n">
```

```
<!else if ( !(<followExpr> ) <error>!>
>>
```

```
LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
while <loopExpr>:
  <alts; separator="\n">
  self.state = <choice.loopBackStateNumber>
  self._errHandler.sync(self)
  <iteration>

>>
```

```
LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
<preamble; separator="\n">
while True:
  <alts; separator="\n">
  self.state = <choice.stateNumber> <! loopback/exit decision !>
  self._errHandler.sync(self)
  <iteration>
  if not (<loopExpr>):
    break

>>
```

```
// LL(*) stuff
```

```
AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{ alt |
if la_ == <i>:
  <alt>
  pass
}; separator="\n">

>>
```

```
OptionalBlock(choice, alts, error) ::= <<
```

```

self.state = <choice.stateNumber>
self._errHandler.sync(self)
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i><if(!choice.ast.greedy)>+1<endif>:
  <alt>
}; separator="\nel">

>>

```

```

StarBlock(choice, alts, sync, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
_alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
  if _alt==1<if(!choice.ast.greedy)>+1<endif>:
    <iteration>
    <alts> <! should only be one !>
  self.state = <choice.loopBackStateNumber>
  self._errHandler.sync(self)
  _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

```

```

PlusBlock(choice, alts, error) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
  <alts:{alt |
if _alt == <i><if(!choice.ast.greedy)>+1<endif>:
  <alt>
}; separator="\nel">
  else:
    <error>
  self.state = <choice.loopBackStateNumber> <! loopback/exit decision !>
  self._errHandler.sync(self)
  _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

```

```

Sync(s) ::= "sync(<s.expecting.name>)"

```

```

ThrowNoViableAlt(t) ::= "raise NoViableAltException(self)"

```

```

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" or ">

```

>>

```
// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>
```

```
// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange(<offsetShiftVar(s.varName, bits.shift)>)> and ((1 << <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 << <offsetShiftType(ttype, bits.shift)>)}; separator=" | ">)) != 0)
%>
```

```
isZero ::= [
"0":true,
default:false
]
```

```
offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))><shiftAmount> - <offset><else><shiftAmount><endif>
%>
```

```
offsetShiftType(shiftAmount, offset) ::= <%
<if(!isZero.(offset))><parser.name>.<shiftAmount> - <offset><else><parser.name>.<shiftAmount><endif>
%>
```

```
// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<parser.name>.<ttype>}; separator=" or ">
%>
```

```
cases(ttypes) ::= <<
if token in [<ttypes:{t | <parser.name>.<t>}; separator=", ">]:
>>
```

```
InvokeRule(r, argExprsChunks) ::= <<
self.state = <r.stateNumber>
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif>self.<r.name><(if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChu
nks>)
>>
```

```
MatchToken(m) ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>self.match(<parser.name>.<m.name>)
>>
```

```
MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"
```

```

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{1 | <labelref(l)> = }>self._input.LT(1)<endif>
<capture>
<if(invert)>if <m.varName> \<= 0 or <expr><else>if not(<expr>)<endif>:
<if(m.labels)><m.labels:{1 | <labelref(l)> = }><else> <endif>self._errHandler.recoverInline(self)
else:
    self._errHandler.reportMatch(self)
    self.consume()
>>

Wildcard(w) ::= <<
self.state = <w.stateNumber>
<if(w.labels)><w.labels:{1 | <labelref(l)> = }><endif>self.matchWildcard()
>>

// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
self.state = <p.stateNumber>
if not <chunks>:
    from antlr4.error.Errors import FailedPredicateException
    raise FailedPredicateException(self, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
<p.msg><endif>)
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
    <catchAction>
}
>>

// lexer actions are not associated with model objects

LexerSkipCommand() ::= "skip()"
LexerMoreCommand() ::= "more()"
LexerPopModeCommand() ::= "popMode()"

LexerTypeCommand(arg, grammar) ::= "_type = <arg>"
LexerChannelCommand(arg, grammar) ::= "_channel = <arg>"
LexerModeCommand(arg, grammar) ::= "_mode = <arg>"

```

```

LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>)"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a) ::= "localctx.<a.name>"
RetValRef(a) ::= "localctx.<a.name>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(None if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.type)"
TokenPropertyRef_line(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(0 if (<ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t) ::= "(0 if <ctx(t)>.<t.label> is None else int(<ctx(t)>.<t.label>.text))"

RulePropertyRef_start(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r) ::= "(None if <ctx(r)>.<r.label> is None else
self._input.getText((<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop)))"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "self"

ThisRulePropertyRef_start(r) ::= "localctx.start"
ThisRulePropertyRef_stop(r) ::= "localctx.stop"
ThisRulePropertyRef_text(r) ::= "self._input.getText((localctx.start, self._input.LT(-1)))"
ThisRulePropertyRef_ctx(r) ::= "localctx"
ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s) ::= "getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

TokenDecl(t) ::= "self.<t.name> = None # <TokenLabelType()>"
TokenTypeDecl(t) ::= "self.<t.name> = 0 # <TokenLabelType()> type"
TokenListDecl(t) ::= "self.<t.name> = list() # of <TokenLabelType()>s"
RuleContextDecl(r) ::= "self.<r.name> = None # <r.ctxName>"
RuleContextListDecl(rdecl) ::= "self.<rdecl.name> = list() # of <rdecl.ctxName>s"

```

```

ContextTokenGetterDecl(t) ::= <<
def <t.name>(self):
    return self.getToken(<parser.name>.<t.name>, 0)
>>

// should never be called
ContextTokenListGetterDecl(t) ::= <<
def <t.name>_list(self):
    return self.getTokens(<parser.name>.<t.name>)
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
def <t.name>(self, i:int=None):
    if i is None:
        return self.getTokens(<parser.name>.<t.name>)
    else:
        return self.getToken(<parser.name>.<t.name>, i)
>>

ContextRuleGetterDecl(r) ::= <<
def <r.name>(self):
    return self.getTypedRuleContext(<parser.name>.<r.ctxName>,0)

>>

// should never be called
ContextRuleListGetterDecl(r) ::= <<
def <r.name>_list(self):
    return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)

>>

ContextRuleListIndexedGetterDecl(r) ::= <<
def <r.name>(self, i:int=None):
    if i is None:
        return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)
    else:
        return self.getTypedRuleContext(<parser.name>.<r.ctxName>,i)

>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

```



```

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName) ::= "_<ruleName>"
ImplicitSetLabel(id) ::= "_tset<id>"
ListLabelName(label) ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = self._input.LA(1)"

StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers) ::= <<
class <struct.name><(if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif>):

    def __init__(self, parser, parent:ParserRuleContext=None, invokingState:int=-1<struct.ctorAttrs:{ a | ,
<a.name><if(a.type)>:<a.type><endif>=None }>):
        super().__init__(parent, invokingState)
        self.parser = parser
        <attrs:{ a | <a> }; separator="\n">
        <struct.ctorAttrs:{ a | self.<a.name> = <a.name> }; separator="\n">

        <getters:{ g | <g> }; separator="\n\n">

    def getRuleIndex(self):
        return <parser.name>.RULE_<struct.derivedFromName>

<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
    def copyFrom(self, ctx:ParserRuleContext):
        super().copyFrom(ctx)
        <struct.attrs:{ a | self.<a.name> = ctx.<a.name> }; separator="\n">

<endif>
    <dispatchMethods; separator="\n">
    <extensionMembers; separator="\n">

>>

AltLabelStructDecl(struct,attrs, getters,dispatchMethods) ::= <<
class <struct.name><(currentRule.name; format="cap">Context):

    def __init__(self, parser, ctx:ParserRuleContext): # actually a <parser.name>.<currentRule.name;
format="cap">Context
        super().__init__(parser)
        <attrs:{ a | <a> }; separator="\n">
        self.copyFrom(ctx)

        <getters:{ g | <g> }; separator="\n">

        <dispatchMethods; separator="\n">

```

>>

```
ListenerDispatchMethod(method) ::= <<
def <if(method.isEnter)>enter<else>exit<endif>Rule(self, listener:ParseTreeListener):
  if hasattr( listener, "<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">" ):
    listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(self)
```

>>

```
VisitorDispatchMethod(method) ::= <<
def accept(self, visitor:ParseTreeVisitor):
  if hasattr( visitor, "visit<struct.derivedFromName; format="cap">" ):
    return visitor.visit<struct.derivedFromName; format="cap">(self)
  else:
    return visitor.visitChildren(self)
```

>>

```
AttributeDecl(d) ::= "self.<d.name> = <if(d.initValue)><d.initValue><else>None<endif>"
```

```
/** If we don't know location of label def x, use this template */
```

```
labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"
```

```
/** For any action chunk, what is correctly-typed context struct ptr? */
```

```
ctx(actionChunk) ::= "localctx"
```

```
// used for left-recursive rules
```

```
recRuleAltPredicate(ruleName,opPrec) ::= "self.precpred(self._ctx, <opPrec>)"
```

```
recRuleSetReturnAction(src,name) ::= "$<name>=$<src>.<name>"
```

```
recRuleSetStopToken() ::= "self._ctx.stop = self._input.LT(-1)"
```

```
recRuleAltStartAction(ruleName, ctxName, label) ::= <<
```

```
localctx = <parser.name>.<ctxName>Context(self, _parentctx, _parentState)
```

```
<if(label)>localctx.<label> = _prevctx<endif>
```

```
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
```

>>

```
recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
```

```
localctx = <parser.name>.<currentAltLabel; format="cap">Context(self, <parser.name>.<ruleName;
format="cap">Context(self, _parentctx, _parentState))
```

```
<if(label)>
```

```
<if(isListLabel)>
```

```
localctx.<label>.append(_prevctx)
```

```
<else>
```

```
localctx.<label> = _prevctx
```

```
<endif>
```

```
<endif>
```

```
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
```

>>

```
recRuleReplaceContext(ctxName) ::= <<
localctx = <parser.name>.<ctxName>Context(self, localctx)
self._ctx = localctx
_prevctx = localctx
>>
```

```
recRuleSetPrevCtx() ::= <<
if self._parseListeners is not None:
    self.triggerExitRuleEvent()
_prevctx = localctx
>>
```

```
LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
from antlr4 import *
from io import StringIO
```

```
<namedActions.header>
```

```
<lexer>
>>
```

```
Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
```

```
<atn>
```

```
class <lexer.name>(<if(superClass)><superClass><else>Lexer<endif>):
```

```
    atn = ATNDeserializer().deserialize(serializedATN())
```

```
    decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]
```

```
    <rest(lexer.modes):{m| <m> = <i>}; separator="\n">
```

```
    <lexer.tokens:{k| <k> = <lexer.tokens.(k)>}; separator="\n", wrap, anchor>
```

```
    modeNames = [ <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor> ]
```

```
    literalNames = [ "\<INVALID>",
    <lexer.literalNames:{t| <t>}; separator=", ", wrap, anchor> ]
```

```
    symbolicNames = [ "\<INVALID>",
    <lexer.symbolicNames:{t| <t>}; separator=", ", wrap, anchor> ]
```

```
    ruleNames = [ <lexer.ruleNames:{r| "<r>"}; separator=", ", wrap, anchor> ]
```

```

grammarFileName = "<lexer.grammarFileName>"

def __init__(self, input=None):
    super().__init__(input)
    self.checkVersion("<lexerFile.ANTLRVersion>")
    self._interp = LexerATNSimulator(self, self.atn, self.decisionsToDFA, PredictionContextCache())
    self._actions = None
    self._predicates = None

<namedActions.members>

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>

>>

SerializedATN(model) ::= <<
<! only one segment, can be inlined !>

def serializedATN():
    with StringIO() as buf:
        buf.write("<model.serialized; wrap={ }<\n>    buf.write("}>")
        return buf.getvalue()

>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<javaTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".py"

Found in path(s):
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/tool/templates/codegen/Python3/Python3.stg
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* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/ANTLRParser.g

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*/

```
tree grammar SourceGenTriggers;
```

```
options {
```

```
language = Java;
```

```
tokenVocab = ANTLRParser;
```

```
ASTLabelType = GrammarAST;
```

```
}
```

```
@header {
```

```
package org antlr.v4.codegen;
```

```
import org antlr.v4.misc.Utils;
```

```
import org antlr.v4.codegen.model.*;
```

```

import org.antlr.v4.codegen.model.decl.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.util.Collections;
import java.util.Map;
import java.util.HashMap;
}

```

```

@members {
public OutputModelController controller;
public boolean hasLookaheadBlock;
public SourceGenTriggers(TreeNodeStream input, OutputModelController controller) {
this(input);
this.controller = controller;
}
}

```

```
dummy : block[null, null] ;
```

```

block[GrammarAST label, GrammarAST ebnfRoot] returns [List<? extends SrcOp> omos]
: ^( blk=BLOCK (^ (OPTIONS .+))?
{List<CodeBlockForAlt> alts = new ArrayList<CodeBlockForAlt>();}
( alternative {alts.add($alternative.altCodeBlock);} )+
)
{
if ( alts.size()==1 && ebnfRoot==null) return alts;
if ( ebnfRoot==null ) {
Somos = DefaultOutputModelFactory.list(controller.getChoiceBlock((BlockAST)$blk, alts, $label));
}
else {
Choice choice = controller.getEBNFBlock($ebnfRoot, alts);
hasLookaheadBlock |= choice instanceof PlusBlock || choice instanceof StarBlock;
Somos = DefaultOutputModelFactory.list(choice);
}
}
;

```

```
alternative returns [CodeBlockForAlt altCodeBlock, List<SrcOp> ops]
```

```

@init {
boolean outerMost = inContext("RULE BLOCK");
}
@after {
controller.finishAlternative($altCodeBlock, $ops, outerMost);
}
: a=alt[outerMost] { $altCodeBlock=$a.altCodeBlock; $ops=$a.ops; }
;

```

```
alt[boolean outerMost] returns [CodeBlockForAlt altCodeBlock, List<SrcOp> ops]
```

```

@init {
// set alt if outer ALT only (the only ones with alt field set to Alternative object)
AltAST altAST = (AltAST)retval.start;
if ( outerMost ) controller.setCurrentOuterMostAlt(altAST.alt);
}
: {
List<SrcOp> elems = new ArrayList<SrcOp>();
// TODO: shouldn't we pass $start to controller.alternative()?
$altCodeBlock = controller.alternative(controller.getCurrentOuterMostAlt(), outerMost);
$altCodeBlock.ops = $ops = elems;
controller.setCurrentBlock($altCodeBlock);
}
^( ALT elementOptions? ( element {if ($element.omos!=null) elems.addAll($element.omos);} )+ )

| ^(ALT elementOptions? EPSILON)
    {$altCodeBlock = controller.epsilon(controller.getCurrentOuterMostAlt(), outerMost);}
;

element returns [List<? extends SrcOp> omos]
: labeledElement    {$omos = $labeledElement.omos;}
| atom[null,false]  {$omos = $atom.omos;}
| subrule           {$omos = $subrule.omos;}
| ACTION           {$omos = controller.action((ActionAST)$ACTION);}
| SEMPRED          {$omos = controller.sempred((ActionAST)$SEMPRED);}
| ^(ACTION elementOptions) {$omos = controller.action((ActionAST)$ACTION);}
| ^(SEMPRED elementOptions) {$omos = controller.sempred((ActionAST)$SEMPRED);}
;

labeledElement returns [List<? extends SrcOp> omos]
: ^(ASSIGN ID atom[$ID,false] ) {$omos = $atom.omos;}
| ^(PLUS_ASSIGN ID atom[$ID,false] ) {$omos = $atom.omos;}
| ^(ASSIGN ID block[$ID,null] ) {$omos = $block.omos;}
| ^(PLUS_ASSIGN ID block[$ID,null] ) {$omos = $block.omos;}
;

subrule returns [List<? extends SrcOp> omos]
: ^(OPTIONAL b=block[null,$OPTIONAL])
{
$omos = $block.omos;
}
| ( ^(op=CLOSURE b=block[null,null])
| ^(op=POSITIVE_CLOSURE b=block[null,null])
)
{
List<CodeBlockForAlt> alts = new ArrayList<CodeBlockForAlt>();
SrcOp blk = $b.omos.get(0);
CodeBlockForAlt alt = new CodeBlockForAlt(controller.delegate);
alt.addOp(blk);
}

```



```

alts.add(alt);
SrcOp loop = controller.getEBNFBlock($op, alts); // "star it"
    hasLookaheadBlock |= loop instanceof PlusBlock || loop instanceof StarBlock;
    $omos = DefaultOutputModelFactory.list(loop);
}
| block[null, null]    {$omos = $block.omos;}
;

blockSet[GrammarAST label, boolean invert] returns [List<SrcOp> omos]
: ^(SET atom[label,invert]+) {$omos = controller.set($SET, $label, invert);}
;

/*
setElement
: STRING_LITERAL
| TOKEN_REF
| ^(RANGE STRING_LITERAL STRING_LITERAL)
;
*/

// TODO: combine ROOT/BANG into one then just make new op ref'ing return value of atom/terminal...
// TODO: same for NOT
atom[GrammarAST label, boolean invert] returns [List<SrcOp> omos]
: ^(NOT a=atom[$label, true]) {$omos = $a.omos;}
| range[label]    {$omos = $range.omos;}
| ^(DOT ID terminal[$label])
| ^(DOT ID ruleref[$label])
| ^(WILDCARD .)    {$omos = controller.wildcard($WILDCARD, $label);}
| WILDCARD    {$omos = controller.wildcard($WILDCARD, $label);}
| terminal[label]    {$omos = $terminal.omos;}
| ruleref[label]    {$omos = $ruleref.omos;}
| blockSet[$label, invert] {$omos = $blockSet.omos;}
;

ruleref[GrammarAST label] returns [List<SrcOp> omos]
: ^(RULE_REF ARG_ACTION? elementOptions?) {$omos = controller.ruleRef($RULE_REF, $label,
$ARG_ACTION);}
;

range[GrammarAST label] returns [List<SrcOp> omos]
: ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
;

terminal[GrammarAST label] returns [List<SrcOp> omos]
: ^(STRING_LITERAL .) {$omos = controller.stringRef($STRING_LITERAL, $label);}
| STRING_LITERAL    {$omos = controller.stringRef($STRING_LITERAL, $label);}
| ^(TOKEN_REF ARG_ACTION .) {$omos = controller.tokenRef($TOKEN_REF, $label, $ARG_ACTION);}
| ^(TOKEN_REF .)    {$omos = controller.tokenRef($TOKEN_REF, $label, null);}

```

```
| TOKEN_REF    {$omos = controller.tokenRef($TOKEN_REF, $label, null);}
;
```

elementOptions

```
: ^(ELEMENT_OPTIONS elementOption+)
;
```

elementOption

```
: ID
| ^(ASSIGN ID ID)
| ^(ASSIGN ID STRING_LITERAL)
| ^(ASSIGN ID ACTION)
| ^(ASSIGN ID INT)
;
```

Found in path(s):

```
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/codegen/SourceGenTriggers.g
```

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```

*/

lexer grammar ActionSplitter;

options { filter=true; }

@header {
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
}

@members {
ActionSplitterListener delegate;

public ActionSplitter(CharStream input, ActionSplitterListener delegate) {
    this(input, new RecognizerSharedState());
    this.delegate = delegate;
}

/** force filtering (and return tokens). triggers all above actions. */
public List<Token> getActionTokens() {
    List<Token> chunks = new ArrayList<Token>();
    Token t = nextToken();
    while ( t.getType()!=Token.EOF ) {
        chunks.add(t);
        t = nextToken();
    }
    return chunks;
}

private boolean isIDStartChar(int c) {
    return c == '_' || Character.isLetter(c);
}
}

// ignore comments right away

COMMENT
: /*' ( options { greedy=false; } : . ) * */' { delegate.text($text); }
;

LINE_COMMENT
: /*' ~(\n|\r)* \r? \n' { delegate.text($text); }
;

SET_NONLOCAL_ATTR
: '$' x=ID ':' y=ID WS? '=' expr=ATTR_VALUE_EXPR ';'

```

```

{
  delegate.setNonLocalAttr($text, $x, $y, $expr);
}
;

NONLOCAL_ATTR
: '$ x=ID ':' y=ID {delegate.nonLocalAttr($text, $x, $y);}
;

QUALIFIED_ATTR
: '$ x=ID '!' y=ID {input.LA(1)!='('}? {delegate.qualifiedAttr($text, $x, $y);}
;

SET_ATTR
: '$ x=ID WS? '=' expr=ATTR_VALUE_EXPR ';
{
  delegate.setAttr($text, $x, $expr);
}
;

ATTR
: '$ x=ID {delegate.attr($text, $x);}
;

// Anything else is just random text
TEXT
@init {StringBuilder buf = new StringBuilder();}
@after {delegate.text(buf.toString());}
: ( c=~('\| '$) {buf.append((char)$c);}
| '\\$' {buf.append('$);}
| '\\ c=~('$) {buf.append('\\').append((char)$c);}
| {!isIDStartChar(input.LA(2))}? => '$' {buf.append('$);}
)+
;

fragment
ID : ('a..'z'|'A..'Z'|'_') ('a..'z'|'A..'Z'|'0'..'9'|'_')*
;

/** Don't allow an = as first char to prevent $x == 3; kind of stuff. */
fragment
ATTR_VALUE_EXPR
: ~'=' (~';)*
;

fragment
WS : (' |\t|\n|\r')+
;

```

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*/

/** ANTLR tool checks output templates are compatible with tool code generation.

* For now, a simple string match used on x.y of x.y.z scheme.

* Must match Tool.VERSION during load to templates.

*

* REQUIRED.

*/

pythonTypeInitMap ::= [

"bool": "False",

"int": "0",

"float": "0.0",

"str": "",

```

default:"None" // anything other than a primitive type is an object
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
var antlr4 = require('antlr4/index');
<if(file.genListener)>
var <file.grammarName>Listener = require('./<file.grammarName>Listener').<file.grammarName>Listener;
<endif>
<if(file.genVisitor)>
var <file.grammarName>Visitor = require('./<file.grammarName>Visitor').<file.grammarName>Visitor;
<endif>

<namedActions.header>
<parser>
>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
var antlr4 = require('antlr4/index');

// This class defines a complete listener for a parse tree produced by <file.parserName>.
function <file.grammarName>Listener() {
  antlr4.tree.ParseTreeListener.call(this);
  return this;
}

<file.grammarName>Listener.prototype = Object.create(antlr4.tree.ParseTreeListener.prototype);
<file.grammarName>Listener.prototype.constructor = <file.grammarName>Listener;

<file.listenerNames:{ lname |
// Enter a parse tree produced by <file.parserName>#<lname>.
<file.grammarName>Listener.prototype.enter<lname; format="cap"> = function(ctx) {
\};

// Exit a parse tree produced by <file.parserName>#<lname>.
<file.grammarName>Listener.prototype.exit<lname; format="cap"> = function(ctx) {
\};

}; separator="\n">

exports.<file.grammarName>Listener = <file.grammarName>Listener;
>>

VisitorFile(file, header, namedActions) ::= <<

```

```

<fileHeader(file.grammarFileName, file.ANTLRVersion)>
var antlr4 = require('antlr4/index');

// This class defines a complete generic visitor for a parse tree produced by <file.parserName>.

function <file.grammarName>Visitor() {
  antlr4.tree.ParseTreeVisitor.call(this);
  return this;
}

<file.grammarName>Visitor.prototype = Object.create(antlr4.tree.ParseTreeVisitor.prototype);
<file.grammarName>Visitor.prototype.constructor = <file.grammarName>Visitor;

<file.visitorNames: {lname |
// Visit a parse tree produced by <file.parserName>#<lname>.
<file.grammarName>Visitor.prototype.visit<lname; format="cap"> = function(ctx) {
  return this.visitChildren(ctx);
}
\};

}; separator="\n">

exports.<file.grammarName>Visitor = <file.grammarName>Visitor;
>>

fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>
// jshint ignore: start
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<if(superClass)>
var <superClass> = require('./<superClass>').<superClass>;
<endif>

var grammarFileName = "<parser.grammarFileName; format="java-escape">";

<atn>

var atn = new antlr4.atn.ATNDeserializer().deserialize(serializedATN);

var decisionsToDFA = atn.decisionToState.map( function(ds, index) { return new antlr4.dfa.DFA(ds, index); });

var sharedContextCache = new antlr4.PredictionContextCache();

var literalNames = [ <parser.literalNames: {t | <t>}; null="null", separator=", ", wrap, anchor > ];

var symbolicNames = [ <parser.symbolicNames: {t | <t>}; null="null", separator=", ", wrap, anchor > ];

```

```

var ruleNames = [ <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor > ];

function <parser.name> (input) {
  <superClass; null="antlr4.Parser">.call(this, input);
  this._interp = new antlr4.atn.ParserATNSimulator(this, atn, decisionsToDFA, sharedContextCache);
  this.ruleNames = ruleNames;
  this.literalNames = literalNames;
  this.symbolicNames = symbolicNames;
  <namedActions.members>
  return this;
}

<parser.name>.prototype = Object.create(<superClass; null="antlr4.Parser">.prototype);
<parser.name>.prototype.constructor = <parser.name>;

Object.defineProperty(<parser.name>.prototype, "atn", {
  get : function() {
    return atn;
  }
});

<parser.name>.EOF = antlr4.Token.EOF;
<if(parser.tokens)>
<parser.tokens:{k | <parser.name>.<k> = <parser.tokens.(k)>;}; separator="\n", wrap, anchor >
<endif>

<parser.rules:{r | <parser.name>.RULE_<r.name> = <r.index>;}; separator="\n", wrap, anchor >

<funcs; separator="\n">

<if(semanticFuncs)>
<parser.name>.prototype.semantic = function(localctx, ruleIndex, predIndex) {
  switch(ruleIndex) {
  <parser.semanticFuncs.values:{f | case <f.ruleIndex>:
  return this.<f.name>_semantic(localctx, predIndex);}; separator="\n">
  default:
    throw "No predicate with index:" + ruleIndex;
  }
};

<semanticFuncs.values; separator="\n">
<endif>

exports.<parser.name> = <parser.name>;

>>

```



```

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
<lexer.name>.prototype.action = function(localctx, ruleIndex, actionIndex) {
  switch (ruleIndex) {
    <recog.actionFuncs.values:{f}|
  case <f.ruleIndex>:
    this.<f.name>_action(localctx, actionIndex);
    break;}; separator="\n">
  default:
    throw "No registered action for:" + ruleIndex;
  }
};

<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
<lexer.name>.prototype.sempred = function(localctx, ruleIndex, predIndex) {
  switch (ruleIndex) {
    <recog.sempredFuncs.values:{f}| case <f.ruleIndex>:
    return this.<f.name>_sempred(localctx, predIndex);}; separator="\n">
  default:
    throw "No registered predicate for:" + ruleIndex;
  }
};

<sempredFuncs.values; separator="\n">
<endif>
>>

```

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/

```

RuleActionFunction(r, actions) ::= <<

<lexer.name>.prototype.<r.name>_action = function(localctx , actionIndex) {
  switch (actionIndex) {
    <actions:{index}|
  case <index>:
    <actions.(index)>
    break;}; separator="\n">
  default:
    throw "No registered action for:" + actionIndex;
  }
};
>>

```

/* This generates a private method since the predIndex is generated, making an

```

* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
<if (r.factory.g.lexer)><lexer.name><else><parser.name><endif>.prototype.<r.name>_sempred = function(localctx,
predIndex) {
switch(predIndex) {
<actions:{index| case <index>:
return <actions.(index)>;}; separator="\n">
default:
throw "No predicate with index:" + predIndex;
}
};
>>

```

```

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

```

```

<ruleCtx>

```

```

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

```

```

<! Define fields of this parser to export the context classes !>

```

```

<parser.name>.<currentRule.ctxType> = <currentRule.ctxType>;

```

```

<parser.name>.prototype.<currentRule.name> = function(<currentRule.args:{a | <a.name>}; separator=", ">) {

```

```

var localctx = new <currentRule.ctxType>(this, this._ctx, this.state<currentRule.args:{a | , <a.name>}>);

```

```

this.enterRule(localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>);

```

```

<namedActions.init>

```

```

<locals; separator="\n">

```

```

try {

```

```

    <code>

```

```

    <postamble; separator="\n">

```

```

    <namedActions.after>

```

```

<if(exceptions)>

```

```

<exceptions; separator="\n">

```

```

<else>

```

```

} catch (re) {

```

```

if(re instanceof antlr4.error.RecognitionException) {

```

```

    localctx.exception = re;

```

```

    this._errHandler.reportError(this, re);

```

```

    this._errHandler.recover(this, re);

```

```

} else {

```

```

    throw re;

```

```

}

```

```

}<endif> finally {

```

```

    <finallyAction>

```

```

        this.exitRule();
    }
    return localctx;
};

>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
    namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<parser.name>.prototype.<currentRule.name> = function(_p<if(currentRule.args)>, <args:{a | , <a>}><endif>) {
    if(_p===undefined) {
        _p = 0;
    }
    var _parentctx = this._ctx;
    var _parentState = this.state;
    var localctx = new <currentRule.ctxType>(this, this._ctx, _parentState<args:{a | , <a.name>}>);
    var _prevctx = localctx;
    var _startState = <currentRule.startState>;
    this.enterRecursionRule(localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>, _p);
    <namedActions.init>
    <locals; separator="\n">
    try {
        <code>
        <postamble; separator="\n">
        <namedActions.after>
    } catch( error) {
        if(error instanceof antlr4.error.RecognitionException) {
            localctx.exception = error;
            this._errHandler.reportError(this, error);
            this._errHandler.recover(this, error);
        } else {
            throw error;
        }
    } finally {
        <finallyAction>
        this.unrollRecursionContexts(_parentctx)
    }
    return localctx;
};

>>

```

```

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<

```

```

<if(currentOuterMostAltCodeBlock.altLabel)>localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(this, localctx);<endif>
this.enterOuterAlt(localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

```

```

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>

```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = this._input.LT(1);<endif>
<preamble; separator="\n">
switch(this._input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  break;}; separator="\n">
default:
  <error>
}
>>

```

```

LL1OptionalBlock(choice, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
switch (this._input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  break;}; separator="\n">
default:
  <error>
}
>>

```

```

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<preamble; separator="\n">
if(<expr>) {
  <alts; separator="\n">
}
<!else if ( !(<followExpr> ) <error!>
>>

```

```

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<preamble; separator="\n">
while(<loopExpr>) {
  <alts; separator="\n">
  this.state = <choice.loopBackStateNumber>;
  this._errHandler.sync(this);
  <iteration>
}
>>

```

```

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
this.state = <choice.blockStartStateNumber>; <! alt block decision !>
this._errHandler.sync(this);
<preamble; separator="\n">
do {
  <alts; separator="\n">
  this.state = <choice.stateNumber>; <! loopback/exit decision !>
  this._errHandler.sync(this);
  <iteration>
} while(<loopExpr>);
>>

```

```
// LL(*) stuff
```

```

AltBlock(choice, preamble, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
var la_ = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
switch(la_) {
<alts:{alt |
case <i>:
  <alt>
  break;
}; separator="\n">
}
>>

```

```

OptionalBlock(choice, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
var la_ = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
<alts:{alt |
if(la_===<i><if(!choice.ast.greedy)>+1<endif>) {
  <alt>

```

```
}; separator="\n} else ">
}
>>
```

```
StarBlock(choice, alts, sync, iteration) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
var _alt = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx)
while(_alt!=<choice.exitAlt> && _alt!=antlr4.atn.ATN.INVALID_ALT_NUMBER) {
  if(_alt===1<if(!choice.ast.greedy)>+1<endif>) {
    <iteration>
    <alts> <! should only be one !>
  }
  this.state = <choice.loopBackStateNumber>;
  this._errHandler.sync(this);
  _alt = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
}
>>
```

```
PlusBlock(choice, alts, error) ::= <<
this.state = <choice.blockStartStateNumber>; <! alt block decision !>
this._errHandler.sync(this);
var _alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
  switch (_alt) {
    <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
    break;}; separator="\n">
    default:
    <error>
  }
  this.state = <choice.loopBackStateNumber>; <! loopback/exit decision !>
  this._errHandler.sync(this);
  _alt = this._interp.adaptivePredict(this._input,<choice.decision>, this._ctx);
} while ( _alt!=<choice.exitAlt> && _alt!=antlr4.atn.ATN.INVALID_ALT_NUMBER );
>>
```

```
Sync(s) ::= "sync(<s.expecting.name>)"
```

```
ThrowNoViableAlt(t) ::= "throw new antlr4.error.NoViableAltException(this);"
```

```
TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">
>>
```

```

// Javascript language spec - shift operators are 32 bits long max
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x1f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})> && ((1 \<< <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 \<< <offsetShiftType(ttype, bits.shift)>)}; separator=" | ">)) != 0)
%>

isZero ::= [
"0":true,
default:false
]

offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))><shiftAmount> - <offset><else><shiftAmount><endif>
%>

offsetShiftType(shiftAmount, offset) ::= <%
<if(!isZero.(offset))><parser.name>.<shiftAmount> - <offset><else><parser.name>.<shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>===<parser.name>.<ttype>}; separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{t | case <parser.name>.<t>:}; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
this.state = <r.stateNumber>;
<if(r.labels)><r.labels:{1 | <labelref(l)> =
}><endif>this.<r.name><(if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChu
nks>);
>>

MatchToken(m) ::= <<
this.state = <m.stateNumber>;
<if(m.labels)><m.labels:{1 | <labelref(l)> = }><endif>this.match(<parser.name>.<m.name>);
>>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

```

```

CommonSetStuff(m, expr, capture, invert) ::= <<
this.state = <m.stateNumber>;
<if(m.labels)><m.labels:{1 | <labelref(l)> = }>this._input.LT(1);<endif>
<capture>
<if(invert)>if(<m.varName>\<=0 || <expr><else>if(!(<expr>))<endif> {
  <if(m.labels)><m.labels:{1 | <labelref(l)> = }><endif>this._errHandler.recoverInline(this);
}
else {
  this._errHandler.reportMatch(this);
  this.consume();
}
>>

```

```

Wildcard(w) ::= <<
this.state = <w.stateNumber>;
<if(w.labels)><w.labels:{1 | <labelref(l)> = }><endif>matchWildcard();
>>

```

```
// ACTION STUFF
```

```
Action(a, foo, chunks) ::= "<chunks>"
```

```
ArgAction(a, chunks) ::= "<chunks>"
```

```

SemPred(p, chunks, failChunks) ::= <<
this.state = <p.stateNumber>;
if (!( <chunks>)) {
  throw new antlr4.error.FailedPredicateException(this, <p.predicate><if(failChunks)>,
<failChunks><elseif(p.msg)>, <p.msg><endif>);
}
>>

```

```

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
  <catchAction>
}
>>

```

```
// lexer actions are not associated with model objects
```

```

LexerSkipCommand() ::= "this.skip()"
LexerMoreCommand() ::= "this.more()"
LexerPopModeCommand() ::= "this.popMode()"
LexerTypeCommand(arg, grammar) ::= "this._type = <arg>"
LexerChannelCommand(arg, grammar) ::= "this._channel = <arg>"
LexerModeCommand(arg, grammar) ::= "this._mode = <arg>"
LexerPushModeCommand(arg, grammar) ::= "this.pushMode(<arg>)"

```



```

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a) ::= "localctx.<a.name>"
RetValRef(a) ::= "localctx.<a.name>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label>====null ? null : <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.type)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : parseInt(<ctx(t)>.<t.label>.text))"

RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label>====null ? null : <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r) ::= "(<ctx(r)>.<r.label>====null ? null : <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r) ::= "(<ctx(r)>.<r.label>====null ? null : this._input.getText(new antlr4.Interval(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop)))"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "this"

ThisRulePropertyRef_start(r) ::= "localctx.start"
ThisRulePropertyRef_stop(r) ::= "localctx.stop"
ThisRulePropertyRef_text(r) ::= "this._input.getText(new antlr4.Interval(localctx.start, this._input.LT(-1)))"
ThisRulePropertyRef_ctx(r) ::= "localctx"
ThisRulePropertyRef_parser(r) ::= "this"

NonLocalAttrRef(s) ::= "getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.push(<labelref(a.label)>);"

TokenDecl(t) ::= "this.<t.name> = null; // <TokenLabelType()>"
TokenTypeDecl(t) ::= "var <t.name> = 0; // <TokenLabelType()> type"
TokenListDecl(t) ::= "this.<t.name> = []; // of <TokenLabelType()>s"
RuleContextDecl(r) ::= "this.<r.name> = null; // <r.ctxName>"
RuleContextListDecl(rdecl) ::= "this.<rdecl.name> = []; // of <rdecl.ctxName>s"

```

```

ContextTokenGetterDecl(t) ::= <<
<t.name> = function() {
  return this.getToken(<parser.name>.<t.name>, 0);
};
>>

// should never be called
ContextTokenListGetterDecl(t) ::= <<
def <t.name>_list(self):
  return self.getTokens(<parser.name>.<t.name>)
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
<t.name> = function(i) {
  if(i===undefined) {
    i = null;
  }
  if(i===null) {
    return this.getTokens(<parser.name>.<t.name>);
  } else {
    return this.getToken(<parser.name>.<t.name>, i);
  }
};
>>

ContextRuleGetterDecl(r) ::= <<
<r.name> = function() {
  return this.getTypedRuleContext(<r.ctxName>,0);
};
>>

// should never be called
ContextRuleListGetterDecl(r) ::= <<
def <r.name>_list(self):
  return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)
>>

ContextRuleListIndexedGetterDecl(r) ::= <<
<r.name> = function(i) {
  if(i===undefined) {
    i = null;
  }
  if(i===null) {
    return this.getTypedRuleContexts(<r.ctxName>);
  } else {
    return this.getTypedRuleContext(<r.ctxName>,i);
  }
};
>>

```

```
}  
};  
>>
```

```
LexerRuleContext() ::= "RuleContext"
```

```
/** The rule context name is the rule followed by a suffix; e.g.,  
* r becomes rContext.  
*/
```

```
RuleContextNameSuffix() ::= "Context"
```

```
ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
```

```
ImplicitRuleLabel(ruleName) ::= "_<ruleName>"
```

```
ImplicitSetLabel(id) ::= "_tset<id>"
```

```
ListLabelName(label) ::= "<label>"
```

```
CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
```

```
CaptureNextTokenType(d) ::= "<d.varName> = this._input.LA(1);"
```

```
StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers) ::= <<
```

```
function <struct.name>(parser, parent, invokingState<struct.ctorAttrs:{a | , <a.name>}>) {
```

```
  if(parent===undefined) {
```

```
    parent = null;
```

```
  }
```

```
  if(invokingState===undefined || invokingState===null) {
```

```
    invokingState = -1;
```

```
  }
```

```
  <if(contextSuperClass)><contextSuperClass><else>antlr4.ParserRuleContext<endif>.call(this, parent,  
  invokingState);
```

```
    this.parser = parser;
```

```
    this.ruleIndex = <parser.name>.RULE_<struct.derivedFromName>;
```

```
    <attrs:{a | <a>} separator="\n">
```

```
    <struct.ctorAttrs:{a | this.<a.name> = <a.name> || null;} separator="\n">
```

```
    return this;
```

```
  }
```

```
<struct.name>.prototype =
```

```
Object.create(<if(contextSuperClass)><contextSuperClass><else>antlr4.ParserRuleContext<endif>.prototype);
```

```
<struct.name>.prototype.constructor = <struct.name>;
```

```
<getters:{g | <struct.name>.prototype.<g>} separator="\n\n">
```

```
<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
```

```
<struct.name>.prototype.copyFrom = function(ctx) {
```

```
<if(contextSuperClass)><contextSuperClass><else>antlr4.ParserRuleContext<endif>.prototype.copyFrom.call(this,  
ctx);
```

```
  <struct.attrs:{a | this.<a.name> = ctx.<a.name>} separator="\n">
```

```
};
```

```

<endif>
<dispatchMethods; separator="\n">
<extensionMembers; separator="\n">

>>

AltLabelStructDecl(struct,attrs, getters,dispatchMethods) ::= <<
function <struct.name>(parser, ctx) {
  <currentRule.name; format="cap">Context.call(this, parser);
  <attrs:{a | <a>;}; separator="\n">
  <currentRule.name; format="cap">Context.prototype.copyFrom.call(this, ctx);
  return this;
}

<struct.name>.prototype = Object.create(<currentRule.name; format="cap">Context.prototype);
<struct.name>.prototype.constructor = <struct.name>;

<! Define fields of this parser to export this struct/context class !>
<parser.name>.<struct.name> = <struct.name>;

<getters:{g | <struct.name>.prototype.<g>;}; separator="\n\n">
<dispatchMethods; separator="\n">

>>

ListenerDispatchMethod(method) ::= <<
<struct.name>.prototype.<if(method.isEnter)>enter<else>exit<endif>Rule = function(listener) {
  if(listener instanceof <parser.grammarName>Listener ) {
    listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(this);
  }
};

>>

VisitorDispatchMethod(method) ::= <<
<struct.name>.prototype.accept = function(visitor) {
  if ( visitor instanceof <parser.grammarName>Visitor ) {
    return visitor.visit<struct.derivedFromName; format="cap">(this);
  } else {
    return visitor.visitChildren(this);
  }
};

>>

AttributeDecl(d) ::= "this.<d.name> = <if(d.initValue)><d.initValue><else>null<endif>"

/** If we don't know location of label def x, use this template */

```

```

labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "localctx"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "this.precpred(this._ctx, <opPrec>)"
recRuleSetReturnAction(src,name) ::= "$<name>=<src>.<name>"
recRuleSetStopToken() ::= "this._ctx.stop = this._input.LT(-1);"

recRuleAltStartAction(ruleName, ctxName, label) ::= <<
localctx = new <ctxName>Context(this, _parentctx, _parentState);
<if(label)>localctx.<label> = _prevctx;<endif>
this.pushNewRecursionContext(localctx, _startState, <parser.name>.RULE_<ruleName>);
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = new <currentAltLabel; format="cap">Context(this, new <ruleName; format="cap">Context(this,
_parentctx, _parentState));
<if(label)>
<if(isListLabel)>
localctx.<label>.push(_prevctx);
<else>
localctx.<label> = _prevctx;
<endif>
<endif>
this.pushNewRecursionContext(localctx, _startState, <parser.name>.RULE_<ruleName>);
>>

recRuleReplaceContext(ctxName) ::= <<
localctx = new <ctxName>Context(this, localctx);
this._ctx = localctx;
_prevctx = localctx;
>>

recRuleSetPrevCtx() ::= <<
if(this._parseListeners!=null) {
    this.triggerExitRuleEvent();
}
_prevctx = localctx;
>>

LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
var antlr4 = require('antlr4/index');

<namedActions.header>

```

```

<lexer>

>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<

<atn>

var atn = new antlr4.atn.ATNDeserializer().deserialize(serializedATN);

var decisionsToDFA = atn.decisionToState.map( function(ds, index) { return new antlr4.dfa.DFA(ds, index); });

function <lexer.name>(input) {
  <if(superClass)><superClass><else>antlr4.Lexer<endif>.call(this, input);
  this._interp = new antlr4.atn.LexerATNSimulator(this, atn, decisionsToDFA, new
antlr4.PredictionContextCache());
  return this;
}

<lexer.name>.prototype = Object.create(<if(superClass)><superClass><else>antlr4.Lexer<endif>.prototype);
<lexer.name>.prototype.constructor = <lexer.name>;

<lexer.name>.EOF = antlr4.Token.EOF;
<lexer.tokens:{k | <lexer.name>.<k> = <lexer.tokens.(k)>;}; separator="\n", wrap, anchor>

<rest(lexer.modes):{m| <lexer.name>.<m> = <i>;}; separator="\n">

<lexer.name>.prototype.modeNames = [ <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor> ];

<lexer.name>.prototype.literalNames = [ <lexer.literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor> ];

<lexer.name>.prototype.symbolicNames = [ <lexer.symbolicNames:{t | <t>}; null="null", separator=", ", wrap,
anchor> ];

<lexer.name>.prototype.ruleNames = [ <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ];

<lexer.name>.prototype.grammarFileName = "<lexer.grammarFileName>";

<namedActions.members>

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>

exports.<lexer.name> = <lexer.name>;

>>

SerializedATN(model) ::= <<

```

<! only one segment, can be inlined !>

```
var serializedATN = ["<model.serialized; wrap={",<n>  "}>"].join("");
```

```
>>
```

```
/** Using a type to init value map, try to init a type; if not in table
```

```
* must be an object, default value is "null".
```

```
*/
```

```
initValue(typeName) ::= <<
```

```
<javaTypeInitMap.(typeName)>
```

```
>>
```

```
codeFileExtension() ::= ".js"
```

Found in path(s):

```
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
```

```
jar/org/antlr/v4/tool/templates/codegen/JavaScript/JavaScript.stg
```

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```
/*
```

```
[The "BSD licence"]
```

```
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```

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```

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```
*/
```

```
/*
```

This file contains the actual layout of the messages emitted by ANTLR.
The text itself is coming out of the languages/*stg files, according to the chosen locale.
This file contains the format that mimicks GCC output.
*/

```
location(file, line, column) ::= "<file>:<line>:"
```

```
message(id, text) ::= "<text> (<id>)"
```

```
report(location, message, type) ::= "<location> <type>: <message>"
```

```
wantsSingleLineMessage() ::= "true"
```

Found in path(s):

```
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-  
jar/org/antlr/v4/tool/templates/messages/formats/gnu.stg
```

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```
/*
```

```
* Copyright (c) 2012-2016 The ANTLR Project. All rights reserved.
```

```
* Use of this file is governed by the BSD 3-clause license that
```

```
* can be found in the LICENSE.txt file in the project root.
```

```
*/
```

```
/**
```

```
[The "BSD license"]
```

```
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```

```
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```

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*/

Found in path(s):

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/gui/GraphicsSupport.java

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*/

/*

This file contains the actual layout of the messages emitted by ANTLR.

This file contains the default format ANTLR uses.

*/

location(file, line, column) ::= "<file>:<line>:<column>:"

message(id, text) ::= "<id> <text>"

report(location, message, type) ::= "<type>(<message.id>): <location> <message.text>"

wantsSingleLineMessage() ::= "false"

Found in path(s):

```
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-  
jar/org/antlr/v4/tool/templates/messages/formats/antlr.stg
```

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```
/*
```

```
* [The "BSD license"]
```

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```

```
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```

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```
*
```

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```

```
*/
```

```
/** templates used to generate make-compatible dependencies */
```

```
/** Generate "f : x, y, z" dependencies for input
```

```
* dependencies and generated files. in and out
```

```
* are File objects. For example, you can say
```

```
* <f.canonicalPath>
```

```
*/
```

```
dependencies(grammarFileName,in,out) ::= <<
```

```
<if(in)><grammarFileName>: <in; separator=", "><endif>
```

```
<out:{f | <f> : <grammarFileName>}; separator="\n">
```

```
>>
```

Found in path(s):

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/tool/templates/depend.stg

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*/

/** ANTLR tool checks output templates are compatible with tool code generation.

* For now, a simple string match used on x.y of x.y.z scheme.

* Must match Tool.VERSION during load to templates.

*

* REQUIRED.

*/

pythonTypeInitMap ::= [

"bool": "False",

"int": "0",

"float": "0.0",

"str": "",

default: "None" // anything other than a primitive type is an object

]

```

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
# encoding: utf-8
from __future__ import print_function
from antlr4 import *
from io import StringIO

<namedActions.header>
<parser>

>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
<header>

# This class defines a complete listener for a parse tree produced by <file.parserName>.
class <file.grammarName>Listener(ParseTreeListener):

    <file.listenerNames:{lname |
# Enter a parse tree produced by <file.parserName>#<lname>.
def enter<lname; format="cap">(self, ctx):
    pass

# Exit a parse tree produced by <file.parserName>#<lname>.
def exit<lname; format="cap">(self, ctx):
    pass

}; separator="\n">

>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
<header>

# This class defines a complete generic visitor for a parse tree produced by <file.parserName>.

class <file.grammarName>Visitor(ParseTreeVisitor):

    <file.visitorNames:{lname |
# Visit a parse tree produced by <file.parserName>#<lname>.

```

```

def visit<lname; format="cap">(self, ctx):
    return self.visitChildren(ctx)

}; separator="\n">

>>

fileHeader(grammarFileName, ANTLRVersion) ::= <<
# Generated from <grammarFileName> by ANTLR <ANTLRVersion>
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<if(superClass)>
from .<superClass> import <superClass>

<endif>
<atn>

class <parser.name> ( <if(superClass)><superClass><else>Parser<endif> ):

    grammarFileName = "<parser.grammarFileName>"

    atn = ATNDeserializer().deserialize(serializedATN())

    decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

    sharedContextCache = PredictionContextCache()

    literalNames = [ <parser.literalNames:{t | u<t>}; null="u\"<INVALID>\"", separator=", ", wrap, anchor ]

    symbolicNames = [ <parser.symbolicNames:{t | u<t>}; null="u\"<INVALID>\"", separator=", ", wrap, anchor ]

    <parser.rules:{r | RULE_<r.name> = <r.index>}; separator="\n", wrap, anchor>

    ruleNames = [ <parser.ruleNames:{r | u"<r>"}; separator=", ", wrap, anchor ]

    EOF = <TokenLabelType().EOF
    <if(parser.tokens)>
    <parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator="\n", wrap, anchor>
    <endif>

    <parser:(ctor)()>

```

```

<namedActions.members>

<funcs; separator="\n">

<if(sempredFuncs)>
  def sempred(self, localctx, ruleIndex, predIndex):
    if self._predicates == None:
      self._predicates = dict()
<parser.sempredFuncs.values: { f |
  self._predicates[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n
  " >
  pred = self._predicates.get(ruleIndex, None)
  if pred is None:
    raise Exception("No predicate with index:" + str(ruleIndex))
  else:
    return pred(localctx, predIndex)

  <sempredFuncs.values; separator="\n">
<endif>

>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
def action(self, localctx, ruleIndex, actionIndex):
  if self._actions is None:
    actions = dict()
<recog.actionFuncs.values: { f |
  actions[<f.ruleIndex>] = self.<f.name>_action }; separator="\n">
  self._actions = actions
  action = self._actions.get(ruleIndex, None)
  if action is not None:
    action(localctx, actionIndex)
  else:
    raise Exception("No registered action for:" + str(ruleIndex))

<actionFuncs.values; separator="\n">

<endif>
<if(sempredFuncs)>
def sempred(self, localctx, ruleIndex, predIndex):
  if self._predicates is None:
    preds = dict()
<recog.sempredFuncs.values: { f |
  preds[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n">
  self._predicates = preds

```

```

    pred = self._predicates.get(ruleIndex, None)
    if pred is not None:
        return pred(localctx, predIndex)
    else:
        raise Exception("No registered predicate for:" + str(ruleIndex))

<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(p) ::= <<
def __init__(self, input):
    super(<parser.name>, self).__init__(input)
    self.checkVersion("<file.ANTLRVersion>")
    self._interp = ParserATNSimulator(self, self.atn, self.decisionsToDFA, self.sharedContextCache)
    self._predicates = None

>>

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<

def <r.name>_action(self, localctx , actionIndex):
    <actions: {index|
    <if(first(actions))>
        if actionIndex == <index>:
            <actions.(index)>
    <elseif(rest(actions))>
        elif actionIndex == <index>:
            <actions.(index)>
    <endif> }; separator="\n">
>>

/* This generates a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
def <r.name>_sempred(self, localctx, predIndex):
    <actions: {index|
    <if(first(actions))>
        if predIndex == <index>:
            return <actions.(index)>
    <elseif(rest(actions))>
        elif predIndex == <index>:
            return <actions.(index)>
    <endif> }; separator="\n">

```

>>

```
RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions) ::= <<
```

```
<ruleCtx>
```

```
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">
```

```
def <currentRule.name>(self<currentRule.args:{a | , <a.name>}>):
```

```
    localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, self.state<currentRule.args:{a | , <a.name>}>)  
    self.enterRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>)  
    <namedActions.init>  
    <locals; separator="\n">  
    try:  
        <code>  
        <postamble; separator="\n">  
        <namedActions.after>  
    <if(exceptions)>  
        <exceptions; separator="\n">  
    <else>  
    except RecognitionException as re:  
        localctx.exception = re  
        self._errHandler.reportError(self, re)  
        self._errHandler.recover(self, re)  
    <endif>  
    finally:  
        <finallyAction>  
        self.exitRule()  
    return localctx
```

>>

```
LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,  
    namedActions,finallyAction,postamble) ::=
```

```
<<
```

```
<ruleCtx>
```

```
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">
```

```
def <currentRule.name>(self, _p=0<if(currentRule.args)>, <args:{a | , <a>}><endif>):
```

```
    _parentctx = self._ctx  
    _parentState = self.state  
    localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, _parentState<args:{a | , <a.name>}>)  
    _prevctx = localctx  
    _startState = <currentRule.startState>
```



```

self.enterRecursionRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>, _p)
<namedActions.init>
<locals; separator="\n">
try:
  <code>
  <postamble; separator="\n">
  <namedActions.after>
except RecognitionException as re:
  localctx.exception = re
  self._errHandler.reportError(self, re)
  self._errHandler.recover(self, re)
finally:
  <finallyAction>
  self.unrollRecursionContexts(_parentctx)
return localctx

>>

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>localctx = <parser.name>.<currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(self, localctx)<endif>
self.enterOuterAlt(localctx, <currentOuterMostAltCodeBlock.alt.altNum>)
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>

LL1AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  pass}; separator="\n1">
else:
  <error>

>>

LL1OptionalBlock(choice, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)

```

```

token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  pass}; separator="\n1">
else:
  <error>
>>

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
if <expr>:
  <alts; separator="\n">

<!else if ( !(<followExpr> ) ) <error>!>
>>

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
while <loopExpr>:
  <alts; separator="\n">
  self.state = <choice.loopBackStateNumber>
  self._errHandler.sync(self)
  <iteration>

>>

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
<preamble; separator="\n">
while True:
  <alts; separator="\n">
  self.state = <choice.stateNumber> <! loopback/exit decision !>
  self._errHandler.sync(self)
  <iteration>
  if not (<loopExpr>):
    break

>>

// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<

```

```

self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{ alt |
if la_ == <i>:
    <alt>
    pass
}; separator="\n\n">

>>

```

```

OptionalBlock(choice, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{ alt |
if la_ == <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
}; separator="\n\n">

>>

```

```

StarBlock(choice, alts, sync, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
_alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
    if _alt==1<if(!choice.ast.greedy)>+1<endif>:
        <iteration>
        <alts> <! should only be one !>
    self.state = <choice.loopBackStateNumber>
    self._errHandler.sync(self)
    _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

```

```

PlusBlock(choice, alts, error) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
    <alts:{ alt|
if _alt == <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
}; separator="\n\n">
    else:

```

```

    <error>
    self.state = <choice.loopBackStateNumber> <! loopback/exit decision !>
    self._errHandler.sync(self)
    _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

Sync(s) ::= "sync(<s.expecting.name>)"

ThrowNoViableAlt(t) ::= "raise NoViableAltException(self)"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>} ; separator=" or ">
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})> and ((1 \<< <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 \<< <offsetShiftType(ttype, bits.shift)>)}); separator=" | ">) != 0)
%>

isZero ::= [
"0":true,
default:false
]

offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))><shiftAmount> - <offset><else><shiftAmount><endif>
%>

offsetShiftType(shiftAmount, offset) ::= <%
<if(!isZero.(offset))><parser.name>.<shiftAmount> - <offset><else><parser.name>.<shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<parser.name>.<ttype>} ; separator=" or ">
%>

cases(ttypes) ::= <<
if token in [<ttypes:{t | <parser.name>.<t>} ; separator=", ">]:
>>

```

```

InvokeRule(r, argExprsChunks) ::= <<
self.state = <r.stateNumber>
<if(r.labels)><r.labels:{1 | <labelref(l)> =
}><endif>self.<r.name><(if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)><endif><endif><argExprsChu
nks>)
>>

```

```

MatchToken(m) ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{1 | <labelref(l)> = }><endif>self.match(<parser.name>.<m.name>)
>>

```

```

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

```

```

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

```

```

CommonSetStuff(m, expr, capture, invert) ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{1 | <labelref(l)> = }>self._input.LT(1)<endif>
<capture>
<if(invert)>if <m.varName> \<= 0 or <expr><else>if not(<expr><endif>:
<if(m.labels)><m.labels:{1 | <labelref(l)> = }><else> <endif>self._errHandler.recoverInline(self)
else:
    self._errHandler.reportMatch(self)
    self.consume()
>>

```

```

Wildcard(w) ::= <<
self.state = <w.stateNumber>
<if(w.labels)><w.labels:{1 | <labelref(l)> = }><endif>self.matchWildcard()
>>

```

```

// ACTION STUFF

```

```

Action(a, foo, chunks) ::= "<chunks>"

```

```

ArgAction(a, chunks) ::= "<chunks>"

```

```

SemPred(p, chunks, failChunks) ::= <<
self.state = <p.stateNumber>
if not <chunks>:
    from antlr4.error.Errors import FailedPredicateException
    raise FailedPredicateException(self, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
<p.msg><endif>)
>>

```

```

ExceptionClause(e, catchArg, catchAction) ::= <<

```

```

catch (<catchArg>) {
  <catchAction>
}
>>

// lexer actions are not associated with model objects

LexerSkipCommand() ::= "skip()"
LexerMoreCommand() ::= "more()"
LexerPopModeCommand() ::= "popMode()"

LexerTypeCommand(arg, grammar) ::= "_type = <arg>"
LexerChannelCommand(arg, grammar) ::= "_channel = <arg>"
LexerModeCommand(arg, grammar) ::= "_mode = <arg>"
LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>)"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a) ::= "localctx.<a.name>"
RetValRef(a) ::= "localctx.<a.name>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(None if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.type)"
TokenPropertyRef_line(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(0 if (<ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t) ::= "(0 if <ctx(t)>.<t.label> is None else int(<ctx(t)>.<t.label>.text))"

RulePropertyRef_start(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r) ::= "(None if <ctx(r)>.<r.label> is None else
self._input.getText((<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop)))"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "self"

ThisRulePropertyRef_start(r) ::= "localctx.start"
ThisRulePropertyRef_stop(r) ::= "localctx.stop"

```

```

ThisRulePropertyRef_text(r) ::= "self._input.getText((localctx.start, self._input.LT(-1)))"
ThisRulePropertyRef_ctx(r) ::= "localctx"
ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s) ::= "getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

TokenDecl(t) ::= "self.<t.name> = None # <TokenLabelType()>"
TokenTypeDecl(t) ::= "self.<t.name> = 0 # <TokenLabelType()> type"
TokenListDecl(t) ::= "self.<t.name> = list() # of <TokenLabelType()>s"
RuleContextDecl(r) ::= "self.<r.name> = None # <r.ctxName>"
RuleContextListDecl(rdecl) ::= "self.<rdecl.name> = list() # of <rdecl.ctxName>s"

ContextTokenGetterDecl(t) ::= <<
def <t.name>(self):
    return self.getToken(<parser.name>.<t.name>, 0)
>>

// should never be called
ContextTokenListGetterDecl(t) ::= <<
def <t.name>_list(self):
    return self.getTokens(<parser.name>.<t.name>)
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
def <t.name>(self, i=None):
    if i is None:
        return self.getTokens(<parser.name>.<t.name>)
    else:
        return self.getToken(<parser.name>.<t.name>, i)
>>

ContextRuleGetterDecl(r) ::= <<
def <r.name>(self):
    return self.getTypedRuleContext(<parser.name>.<r.ctxName>,0)

>>

// should never be called
ContextRuleListGetterDecl(r) ::= <<
def <r.name>_list(self):
    return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)

>>

ContextRuleListIndexedGetterDecl(r) ::= <<

```

```

def <r.name>(self, i=None):
    if i is None:
        return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)
    else:
        return self.getTypedRuleContext(<parser.name>.<r.ctxName>,i)

>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName) ::= "_<ruleName>"
ImplicitSetLabel(id) ::= "_tset<id>"
ListLabelName(label) ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = self._input.LA(1)"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers) ::= <<
class <struct.name>(<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif>):

    def __init__(self, parser, parent=None, invokingState=-1<struct.ctorAttrs:{a | , <a.name>=None}>>):
        super(<parser.name>.<struct.name>, self).__init__(parent, invokingState)
        self.parser = parser
        <attrs:{a | <a>}; separator="\n">
        <struct.ctorAttrs:{a | self.<a.name> = <a.name>}; separator="\n">

    <getters:{g | <g>}; separator="\n\n">

    def getRuleIndex(self):
        return <parser.name>.RULE_<struct.derivedFromName>

<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
    def copyFrom(self, ctx):
        super(<parser.name>.<struct.name>, self).copyFrom(ctx)
        <struct.attrs:{a | self.<a.name> = ctx.<a.name>}; separator="\n">

<endif>
    <dispatchMethods; separator="\n">
    <extensionMembers; separator="\n">

>>

```



```

AltLabelStructDecl(struct,attrs, getters,dispatchMethods) ::= <<
class <struct.name>(<currentRule.name; format="cap">Context):

    def __init__(self, parser, ctx): # actually a <parser.name>.<currentRule.name; format="cap">Context
        super(<parser.name>.<struct.name>, self).__init__(parser)
        <attrs:{ a | <a>}; separator="\n">
        self.copyFrom(ctx)

    <getters:{ g | <g>}; separator="\n">

    <dispatchMethods; separator="\n">

>>

ListenerDispatchMethod(method) ::= <<
def <if(method.isEnter)>enter<else>exit<endif>Rule(self, listener):
    if hasattr(listener, "<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">"):
        listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(self)

>>

VisitorDispatchMethod(method) ::= <<
def accept(self, visitor):
    if hasattr(visitor, "visit<struct.derivedFromName; format="cap">"):
        return visitor.visit<struct.derivedFromName; format="cap">(self)
    else:
        return visitor.visitChildren(self)

>>

AttributeDecl(d) ::= "self.<d.name> = <if(d.initValue)><d.initValue><else>None<endif>"

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "localctx"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "self.precpred(self._ctx, <opPrec>)"
recRuleSetReturnAction(src,name) ::= "$<name>=$<src>.<name>"
recRuleSetStopToken() ::= "self._ctx.stop = self._input.LT(-1)"

recRuleAltStartAction(ruleName, ctxName, label) ::= <<
localctx = <parser.name>.<ctxName>Context(self, _parentctx, _parentState)
<if(label)>localctx.<label> = _prevctx<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)

>>

```

```

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = <parser.name>.<currentAltLabel; format="cap">Context(self, <parser.name>.<ruleName;
format="cap">Context(self, _parentctx, _parentState))
<if(label)>
<if(isListLabel)>
localctx.<label>.append(_prevctx)
<else>
localctx.<label> = _prevctx
<endif>
<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>

```

```

recRuleReplaceContext(ctxName) ::= <<
localctx = <parser.name>.<ctxName>Context(self, localctx)
self._ctx = localctx
_prevctx = localctx
>>

```

```

recRuleSetPrevCtx() ::= <<
if self._parseListeners is not None:
    self.triggerExitRuleEvent()
_prevctx = localctx
>>

```

```

LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
# encoding: utf-8
from __future__ import print_function
from antlr4 import *
from io import StringIO

<namedActions.header>

<lexer>
>>

```

```

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<

<atn>

class <lexer.name>(<if(superClass)><superClass><else>Lexer<endif>):

    atn = ATNDeserializer().deserialize(serializedATN())

```

```

decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

<rest(lexer.modes):{m| <m> = <i>}; separator="\n">

<lexer.tokens:{k| <k> = <lexer.tokens.(k)>}; separator="\n", wrap, anchor>

modeNames = [ <lexer.modes:{m| u"<m>"}; separator=", ", wrap, anchor> ]

literalNames = [ u"\<INVALID>",
    <lexer.literalNames:{t| u<t>}; separator=", ", wrap, anchor> ]

symbolicNames = [ u"\<INVALID>",
    <lexer.symbolicNames:{t| u<t>}; separator=", ", wrap, anchor> ]

ruleNames = [ <lexer.ruleNames:{r| u"<r>"}; separator=", ", wrap, anchor> ]

grammarFileName = u"<lexer.grammarFileName>"

def __init__(self, input=None):
    super(<lexer.name>, self).__init__(input)
    self.checkVersion("<lexerFile.ANTLRVersion>")
    self._interp = LexerATNSimulator(self, self.atn, self.decisionsToDFA, PredictionContextCache())
    self._actions = None
    self._predicates = None

<namedActions.members>

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>

>>

SerializedATN(model) ::= <<
<! only one segment, can be inlined !>

def serializedATN():
    with StringIO() as buf:
        buf.write(u"<model.serialized; wrap={}<n>    buf.write(u"}>")
        return buf.getvalue()

>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<javaTypeInitMap.(typeName)>
>>

```

```
codeFileExtension() ::= ".py"
```

Found in path(s):

```
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-  
jar/org/antlr/v4/tool/templates/codegen/Python2/Python2.stg
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* [The "BSD license"]
```

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* Copyright (c) 2012-2016 Terence Parr
```

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* Copyright (c) 2012-2016 Sam Harwell
```

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* All rights reserved.
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```

```
*/
```

```
/** The definitive ANTLR v3 tree grammar to walk/visit ANTLR v4 grammars.
```

```
* Parses trees created by ANTLRParser.g.
```

```
*
```

```
* Rather than have multiple tree grammars, one for each visit, I'm
```

```
* creating this generic visitor that knows about context. All of the
```

```
* boilerplate pattern recognition is done here. Then, subclasses can
```

```
* override the methods they care about. This prevents a lot of the same
```

```
* context tracking stuff like "set current alternative for current
```

```
* rule node" that is repeated in lots of tree filters.
```

```
*/
```

```
tree grammar GrammarTreeVisitor;
```

```
options {
    language    = Java;
    tokenVocab  = ANTLRParser;
    ASTLabelType = GrammarAST;
}
```

```
// Include the copyright in this source and also the generated source
```

```
@header {
```

```
/*
```

```
[The "BSD license"]
```

```
Copyright (c) 2011 Terence Parr
```

```
All rights reserved.
```

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```
*/
```

```
package org.antlr.v4.parse;
import org.antlr.v4.Tool;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.lang.reflect.InvocationTargetException;
import java.lang.reflect.Method;
}
```

```
@members {
```

```
public String grammarName;
```

```
public GrammarAST currentRuleAST;
```

```
public String currentModeName = LexerGrammar.DEFAULT_MODE_NAME;
```

```

public String currentRuleName;
public GrammarAST currentOuterAltRoot;
public int currentOuterAltNumber = 1; // 1..n
public int rewriteEBNFLevel = 0;

public GrammarTreeVisitor() { this(null); }

// Should be abstract but can't make gen'd parser abstract;
// subclasses should implement else everything goes to stderr!
public ErrorManager getErrorManager() { return null; }

public void visitGrammar(GrammarAST t) { visit(t, "grammarSpec"); }
public void visit(GrammarAST t, String ruleName) {
    CommonTreeNodeStream nodes = new CommonTreeNodeStream(new GrammarASTAdaptor(), t);
    setTreeNodeStream(nodes);
    try {
        Method m = getClass().getMethod(ruleName);
        m.invoke(this);
    }
    catch (Throwable e) {
        ErrorManager errMgr = getErrorManager();
        if ( e instanceof InvocationTargetException ) {
            e = e.getCause();
        }
        //e.printStackTrace(System.err);
        if ( errMgr==null ) {
            System.err.println("can't find rule "+ruleName+
                " or tree structure error: "+t.toStringTree()
            );
            e.printStackTrace(System.err);
        }
        else errMgr.toolError(ErrorType.INTERNAL_ERROR, e);
    }
}

public void discoverGrammar(GrammarRootAST root, GrammarAST ID) { }
public void finishPrequels(GrammarAST firstPrequel) { }
public void finishGrammar(GrammarRootAST root, GrammarAST ID) { }

public void grammarOption(GrammarAST ID, GrammarAST valueAST) { }
public void ruleOption(GrammarAST ID, GrammarAST valueAST) { }
public void blockOption(GrammarAST ID, GrammarAST valueAST) { }
public void defineToken(GrammarAST ID) { }
public void defineChannel(GrammarAST ID) { }
public void globalNamedAction(GrammarAST scope, GrammarAST ID, ActionAST action) { }
public void importGrammar(GrammarAST label, GrammarAST ID) { }

public void modeDef(GrammarAST m, GrammarAST ID) { }

```

```

public void discoverRules(GrammarAST rules) { }
public void finishRules(GrammarAST rule) { }
public void discoverRule(RuleAST rule, GrammarAST ID, List<GrammarAST> modifiers,
    ActionAST arg, ActionAST returns, GrammarAST thrws,
    GrammarAST options, ActionAST locals,
    List<GrammarAST> actions,
    GrammarAST block) { }
public void finishRule(RuleAST rule, GrammarAST ID, GrammarAST block) { }
public void discoverLexerRule(RuleAST rule, GrammarAST ID, List<GrammarAST> modifiers,
    GrammarAST block) { }
public void finishLexerRule(RuleAST rule, GrammarAST ID, GrammarAST block) { }
public void ruleCatch(GrammarAST arg, ActionAST action) { }
public void finallyAction(ActionAST action) { }
public void discoverOuterAlt(AltAST alt) { }
public void finishOuterAlt(AltAST alt) { }
public void discoverAlt(AltAST alt) { }
public void finishAlt(AltAST alt) { }

public void ruleRef(GrammarAST ref, ActionAST arg) { }
public void tokenRef(TerminalAST ref) { }
public void elementOption(GrammarASTWithOptions t, GrammarAST ID, GrammarAST valueAST) { }
public void stringRef(TerminalAST ref) { }
public void wildcardRef(GrammarAST ref) { }
public void actionInAlt(ActionAST action) { }
public void sempredInAlt(PredAST pred) { }
public void label(GrammarAST op, GrammarAST ID, GrammarAST element) { }
public void lexerCallCommand(int outerAltNumber, GrammarAST ID, GrammarAST arg) { }
public void lexerCommand(int outerAltNumber, GrammarAST ID) { }

protected void enterGrammarSpec(GrammarAST tree) { }
protected void exitGrammarSpec(GrammarAST tree) { }

protected void enterPrequelConstructs(GrammarAST tree) { }
protected void exitPrequelConstructs(GrammarAST tree) { }

protected void enterPrequelConstruct(GrammarAST tree) { }
protected void exitPrequelConstruct(GrammarAST tree) { }

protected void enterOptionsSpec(GrammarAST tree) { }
protected void exitOptionsSpec(GrammarAST tree) { }

protected void enterOption(GrammarAST tree) { }
protected void exitOption(GrammarAST tree) { }

protected void enterOptionValue(GrammarAST tree) { }
protected void exitOptionValue(GrammarAST tree) { }

```

protected void enterDelegateGrammars(GrammarAST tree) { }

protected void exitDelegateGrammars(GrammarAST tree) { }

protected void enterDelegateGrammar(GrammarAST tree) { }

protected void exitDelegateGrammar(GrammarAST tree) { }

protected void enterTokensSpec(GrammarAST tree) { }

protected void exitTokensSpec(GrammarAST tree) { }

protected void enterTokenSpec(GrammarAST tree) { }

protected void exitTokenSpec(GrammarAST tree) { }

protected void enterChannelsSpec(GrammarAST tree) { }

protected void exitChannelsSpec(GrammarAST tree) { }

protected void enterChannelSpec(GrammarAST tree) { }

protected void exitChannelSpec(GrammarAST tree) { }

protected void enterAction(GrammarAST tree) { }

protected void exitAction(GrammarAST tree) { }

protected void enterRules(GrammarAST tree) { }

protected void exitRules(GrammarAST tree) { }

protected void enterMode(GrammarAST tree) { }

protected void exitMode(GrammarAST tree) { }

protected void enterLexerRule(GrammarAST tree) { }

protected void exitLexerRule(GrammarAST tree) { }

protected void enterRule(GrammarAST tree) { }

protected void exitRule(GrammarAST tree) { }

protected void enterExceptionGroup(GrammarAST tree) { }

protected void exitExceptionGroup(GrammarAST tree) { }

protected void enterExceptionHandler(GrammarAST tree) { }

protected void exitExceptionHandler(GrammarAST tree) { }

protected void enterFinallyClause(GrammarAST tree) { }

protected void exitFinallyClause(GrammarAST tree) { }

protected void enterLocals(GrammarAST tree) { }

protected void exitLocals(GrammarAST tree) { }

protected void enterRuleReturns(GrammarAST tree) { }

protected void exitRuleReturns(GrammarAST tree) { }


```
protected void enterThrowsSpec(GrammarAST tree) { }  
protected void exitThrowsSpec(GrammarAST tree) { }
```

```
protected void enterRuleAction(GrammarAST tree) { }  
protected void exitRuleAction(GrammarAST tree) { }
```

```
protected void enterRuleModifier(GrammarAST tree) { }  
protected void exitRuleModifier(GrammarAST tree) { }
```

```
protected void enterLexerRuleBlock(GrammarAST tree) { }  
protected void exitLexerRuleBlock(GrammarAST tree) { }
```

```
protected void enterRuleBlock(GrammarAST tree) { }  
protected void exitRuleBlock(GrammarAST tree) { }
```

```
protected void enterLexerOuterAlternative(AltAST tree) { }  
protected void exitLexerOuterAlternative(AltAST tree) { }
```

```
protected void enterOuterAlternative(AltAST tree) { }  
protected void exitOuterAlternative(AltAST tree) { }
```

```
protected void enterLexerAlternative(GrammarAST tree) { }  
protected void exitLexerAlternative(GrammarAST tree) { }
```

```
protected void enterLexerElements(GrammarAST tree) { }  
protected void exitLexerElements(GrammarAST tree) { }
```

```
protected void enterLexerElement(GrammarAST tree) { }  
protected void exitLexerElement(GrammarAST tree) { }
```

```
protected void enterLabeledLexerElement(GrammarAST tree) { }  
protected void exitLabeledLexerElement(GrammarAST tree) { }
```

```
protected void enterLexerBlock(GrammarAST tree) { }  
protected void exitLexerBlock(GrammarAST tree) { }
```

```
protected void enterLexerAtom(GrammarAST tree) { }  
protected void exitLexerAtom(GrammarAST tree) { }
```

```
protected void enterActionElement(GrammarAST tree) { }  
protected void exitActionElement(GrammarAST tree) { }
```

```
protected void enterAlternative(AltAST tree) { }  
protected void exitAlternative(AltAST tree) { }
```

```
protected void enterLexerCommand(GrammarAST tree) { }  
protected void exitLexerCommand(GrammarAST tree) { }
```

```
protected void enterLexerCommandExpr(GrammarAST tree) { }
protected void exitLexerCommandExpr(GrammarAST tree) { }

protected void enterElement(GrammarAST tree) { }
protected void exitElement(GrammarAST tree) { }

protected void enterAstOperand(GrammarAST tree) { }
protected void exitAstOperand(GrammarAST tree) { }

protected void enterLabeledElement(GrammarAST tree) { }
protected void exitLabeledElement(GrammarAST tree) { }

protected void enterSubrule(GrammarAST tree) { }
protected void exitSubrule(GrammarAST tree) { }

protected void enterLexerSubrule(GrammarAST tree) { }
protected void exitLexerSubrule(GrammarAST tree) { }

protected void enterBlockSuffix(GrammarAST tree) { }
protected void exitBlockSuffix(GrammarAST tree) { }

protected void enterEbnfSuffix(GrammarAST tree) { }
protected void exitEbnfSuffix(GrammarAST tree) { }

protected void enterAtom(GrammarAST tree) { }
protected void exitAtom(GrammarAST tree) { }

protected void enterBlockSet(GrammarAST tree) { }
protected void exitBlockSet(GrammarAST tree) { }

protected void enterSetElement(GrammarAST tree) { }
protected void exitSetElement(GrammarAST tree) { }

protected void enterBlock(GrammarAST tree) { }
protected void exitBlock(GrammarAST tree) { }

protected void enterRuleref(GrammarAST tree) { }
protected void exitRuleref(GrammarAST tree) { }

protected void enterRange(GrammarAST tree) { }
protected void exitRange(GrammarAST tree) { }

protected void enterTerminal(GrammarAST tree) { }
protected void exitTerminal(GrammarAST tree) { }

protected void enterElementOptions(GrammarAST tree) { }
protected void exitElementOptions(GrammarAST tree) { }
```

```
protected void enterElementOption(GrammarAST tree) { }
protected void exitElementOption(GrammarAST tree) { }
```

```
@Override
public void traceIn(String ruleName, int ruleIndex) {
    System.err.println("enter "+ruleName+": "+input.LT(1));
}
```

```
@Override
public void traceOut(String ruleName, int ruleIndex) {
    System.err.println("exit "+ruleName+": "+input.LT(1));
}
}
```

```
grammarSpec
```

```
@init {
    enterGrammarSpec($start);
}
@after {
    exitGrammarSpec($start);
}
: ^( GRAMMAR ID { grammarName=$ID.text; }
    { discoverGrammar((GrammarRootAST)$GRAMMAR, $ID); }
    prequelConstructs
    { finishPrequels($prequelConstructs.firstOne); }
    rules mode*
    { finishGrammar((GrammarRootAST)$GRAMMAR, $ID); }
)
;
```

```
prequelConstructs returns [GrammarAST firstOne=null]
```

```
@init {
    enterPrequelConstructs($start);
}
@after {
    exitPrequelConstructs($start);
}
: { $firstOne=$start; } prequelConstruct+
|
;
```

```
prequelConstruct
```

```
@init {
    enterPrequelConstructs($start);
}
@after {
    exitPrequelConstructs($start);
}
```

```

: optionsSpec
| delegateGrammars
| tokensSpec
| channelsSpec
| action
;

```

```

optionsSpec
@init {
enterOptionsSpec($start);
}
@after {
exitOptionsSpec($start);
}
: ^(OPTIONS option*)
;

```

```

option
@init {
enterOption($start);
boolean rule = inContext("RULE ...");
boolean block = inContext("BLOCK ...");
}
@after {
exitOption($start);
}
: ^(a=ASSIGN ID v=optionValue)
{
if ( block ) blockOption($ID, $v.start); // most specific first
else if ( rule ) ruleOption($ID, $v.start);
else grammarOption($ID, $v.start);
}
;

```

```

optionValue returns [String v]
@init {
enterOptionValue($start);
$v = $start.token.getText();
}
@after {
exitOptionValue($start);
}
: ID
| STRING_LITERAL
| INT
;

```

```

delegateGrammars

```

```

@init {
  enterDelegateGrammars($start);
}
@after {
  exitDelegateGrammars($start);
}
: ^(IMPORT delegateGrammar+)
;

```

```

delegateGrammar
@init {
  enterDelegateGrammar($start);
}
@after {
  exitDelegateGrammar($start);
}
: ^(ASSIGN label=ID id=ID {importGrammar($label, $id);}
| id=ID {importGrammar(null, $id);}
;

```

```

tokensSpec
@init {
  enterTokensSpec($start);
}
@after {
  exitTokensSpec($start);
}
: ^(TOKENS_SPEC tokenSpec+)
;

```

```

tokenSpec
@init {
  enterTokenSpec($start);
}
@after {
  exitTokenSpec($start);
}
: ID {defineToken($ID);}
;

```

```

channelsSpec
@init {
  enterChannelsSpec($start);
}
@after {
  exitChannelsSpec($start);
}
: ^(CHANNELS channelSpec+)
;

```

```

;

channelSpec
@init {
  enterChannelSpec($start);
}
@after {
  exitChannelSpec($start);
}
: ID {defineChannel($ID);}
;

action
@init {
  enterAction($start);
}
@after {
  exitAction($start);
}
: ^(AT sc=ID? name=ID ACTION) {globalNamedAction($sc, $name, (ActionAST)$ACTION);}
;

rules
@init {
  enterRules($start);
}
@after {
  exitRules($start);
}
: ^(RULES {discoverRules($RULES);} (rule|lexerRule)* {finishRules($RULES);})
;

mode
@init {
  enterMode($start);
}
@after {
  exitMode($start);
}
: ^( MODE ID {currentModeName=$ID.text; modeDef($MODE, $ID);} lexerRule* )
;

lexerRule
@init {
  enterLexerRule($start);
  List<GrammarAST> mods = new ArrayList<GrammarAST>();
  currentOuterAltNumber=0;
}

```

```

@after {
    exitLexerRule($start);
}
: ^( RULE TOKEN_REF
    {currentRuleName=$TOKEN_REF.text; currentRuleAST=$RULE;}
    (^ (RULEMODIFIERS m=FRAGMENT {mods.add($m);}))?
    {discoverLexerRule((RuleAST)$RULE, $TOKEN_REF, mods, (GrammarAST)input.LT(1));}
    lexerRuleBlock
    {
        finishLexerRule((RuleAST)$RULE, $TOKEN_REF, $lexerRuleBlock.start);
        currentRuleName=null; currentRuleAST=null;
    }
    )
;

rule
@init {
    enterRule($start);
    List<GrammarAST> mods = new ArrayList<GrammarAST>();
    List<GrammarAST> actions = new ArrayList<GrammarAST>(); // track roots
    currentOuterAltNumber=0;
}
@after {
    exitRule($start);
}
: ^( RULE RULE_REF {currentRuleName=$RULE_REF.text; currentRuleAST=$RULE;}
    (^ (RULEMODIFIERS (m=ruleModifier{mods.add($m.start);})+))?
    ARG_ACTION?
    ret=ruleReturns?
    thr=throwsSpec?
    loc=locals?
    ( opts=optionsSpec
    | a=ruleAction {actions.add($a.start);}
    )*
    {discoverRule((RuleAST)$RULE, $RULE_REF, mods, (ActionAST)$ARG_ACTION,
        $ret.start!=null?(ActionAST)$ret.start.getChild(0):null,
        $thr.start, $opts.start,
        $loc.start!=null?(ActionAST)$loc.start.getChild(0):null,
        actions, (GrammarAST)input.LT(1);}
    ruleBlock exceptionGroup
    {finishRule((RuleAST)$RULE, $RULE_REF, $ruleBlock.start); currentRuleName=null; currentRuleAST=null;}
    )
;

exceptionGroup
@init {
    enterExceptionGroup($start);
}

```

```

@after {
  exitExceptionGroup($start);
}
: exceptionHandler* finallyClause?
;

exceptionHandler
@init {
  enterExceptionHandler($start);
}
@after {
  exitExceptionHandler($start);
}
: ^(CATCH ARG_ACTION ACTION) {ruleCatch($ARG_ACTION, (ActionAST)$ACTION);}
;

finallyClause
@init {
  enterFinallyClause($start);
}
@after {
  exitFinallyClause($start);
}
: ^(FINALLY ACTION) {finallyAction((ActionAST)$ACTION);}
;

locals
@init {
  enterLocals($start);
}
@after {
  exitLocals($start);
}
: ^(LOCALS ARG_ACTION)
;

ruleReturns
@init {
  enterRuleReturns($start);
}
@after {
  exitRuleReturns($start);
}
: ^(RETURNS ARG_ACTION)
;

throwsSpec
@init {

```



```
enterThrowsSpec($start);
}
@after {
exitThrowsSpec($start);
}
: ^(THROWS ID+)
;
```

```
ruleAction
@init {
enterRuleAction($start);
}
@after {
exitRuleAction($start);
}
: ^(AT ID ACTION)
;
```

```
ruleModifier
@init {
enterRuleModifier($start);
}
@after {
exitRuleModifier($start);
}
: PUBLIC
| PRIVATE
| PROTECTED
| FRAGMENT
;
```

```
lexerRuleBlock
@init {
enterLexerRuleBlock($start);
}
@after {
exitLexerRuleBlock($start);
}
: ^( BLOCK
( {
currentOuterAltRoot = (GrammarAST)input.LT(1);
currentOuterAltNumber++;
}
lexerOuterAlternative
)+
)
;
```

```

ruleBlock
@init {
  enterRuleBlock($start);
}
@after {
  exitRuleBlock($start);
}
: ^( BLOCK
  ( {
    currentOuterAltRoot = (GrammarAST)input.LT(1);
    currentOuterAltNumber++;
  }
  outerAlternative
  )+
  )
;

```

```

lexerOuterAlternative
@init {
  enterLexerOuterAlternative((AltAST)$start);
  discoverOuterAlt((AltAST)$start);
}
@after {
  finishOuterAlt((AltAST)$start);
  exitLexerOuterAlternative((AltAST)$start);
}
: lexerAlternative
;

```

```

outerAlternative
@init {
  enterOuterAlternative((AltAST)$start);
  discoverOuterAlt((AltAST)$start);
}
@after {
  finishOuterAlt((AltAST)$start);
  exitOuterAlternative((AltAST)$start);
}
: alternative
;

```

```

lexerAlternative
@init {
  enterLexerAlternative($start);
}
@after {
  exitLexerAlternative($start);
}

```

```
}  
: ^(LEXER_ALT_ACTION lexerElements lexerCommand+)  
| lexerElements  
;
```

lexerElements

```
@init {  
  enterLexerElements($start);  
}  
@after {  
  exitLexerElements($start);  
}  
: ^(ALT lexerElement+)  
;
```

lexerElement

```
@init {  
  enterLexerElement($start);  
}  
@after {  
  exitLexerElement($start);  
}  
: labeledLexerElement  
| lexerAtom  
| lexerSubrule  
| ACTION {actionInAlt((ActionAST)$ACTION);}  
| SEMPRED {sempredInAlt((PredAST)$SEMPRED);}  
| ^(ACTION elementOptions) {actionInAlt((ActionAST)$ACTION);}  
| ^(SEMPRED elementOptions) {sempredInAlt((PredAST)$SEMPRED);}  
| EPSILON  
;
```

labeledLexerElement

```
@init {  
  enterLabeledLexerElement($start);  
}  
@after {  
  exitLabeledLexerElement($start);  
}  
: ^((ASSIGN|PLUS_ASSIGN) ID (lexerAtom|block))  
;
```

lexerBlock

```
@init {  
  enterLexerBlock($start);  
}  
@after {  
  exitLexerBlock($start);  
}
```

```
}  
: ^(BLOCK optionsSpec? lexerAlternative+)  
;
```

lexerAtom

```
@init {  
  enterLexerAtom($start);  
}  
@after {  
  exitLexerAtom($start);  
}  
:  
: terminal  
| ^(NOT blockSet)  
| blockSet  
| ^(WILDCARD elementOptions)  
| WILDCARD  
| LEXER_CHAR_SET  
| range  
| ruleref  
;
```

actionElement

```
@init {  
  enterActionElement($start);  
}  
@after {  
  exitActionElement($start);  
}  
:  
: ACTION  
| ^(ACTION elementOptions)  
| SEMPRED  
| ^(SEMPRED elementOptions)  
;
```

alternative

```
@init {  
  enterAlternative((AltAST)$start);  
  discoverAlt((AltAST)$start);  
}  
@after {  
  finishAlt((AltAST)$start);  
  exitAlternative((AltAST)$start);  
}  
:  
: ^(ALT elementOptions? element+)  
| ^(ALT elementOptions? EPSILON)  
;
```

lexerCommand

```

@init {
  enterLexerCommand($start);
}
@after {
  exitLexerCommand($start);
}
: ^(LEXER_ACTION_CALL ID lexerCommandExpr)
  {lexerCallCommand(currentOuterAltNumber, $ID, $lexerCommandExpr.start);}
| ID
  {lexerCommand(currentOuterAltNumber, $ID);}
;

```

```

lexerCommandExpr
@init {
  enterLexerCommandExpr($start);
}
@after {
  exitLexerCommandExpr($start);
}
: ID
| INT
;

```

```

element
@init {
  enterElement($start);
}
@after {
  exitElement($start);
}
: labeledElement
| atom
| subrule
| ACTION {actionInAlt((ActionAST)$ACTION);}
| SEMPRED {sempredInAlt((PredAST)$SEMPRED);}
| ^(ACTION elementOptions) {actionInAlt((ActionAST)$ACTION);}
| ^(SEMPRED elementOptions) {sempredInAlt((PredAST)$SEMPRED);}

| ^(NOT blockSet)
| ^(NOT block)
;

```

```

astOperand
@init {
  enterAstOperand($start);
}
@after {
  exitAstOperand($start);
}

```

```

}
: atom
| ^(NOT blockSet)
| ^(NOT block)
;

labeledElement
@init {
  enterLabeledElement($start);
}
@after {
  exitLabeledElement($start);
}
: ^((ASSIGN|PLUS_ASSIGN) ID element) {label($start, $ID, $element.start);}
;

subrule
@init {
  enterSubrule($start);
}
@after {
  exitSubrule($start);
}
: ^(blockSuffix block)
| block
;

lexerSubrule
@init {
  enterLexerSubrule($start);
}
@after {
  exitLexerSubrule($start);
}
: ^(blockSuffix lexerBlock)
| lexerBlock
;

blockSuffix
@init {
  enterBlockSuffix($start);
}
@after {
  exitBlockSuffix($start);
}
: ebnfSuffix
;

```

```

ebnfSuffix
@init {
  enterEbnfSuffix($start);
}
@after {
  exitEbnfSuffix($start);
}
: OPTIONAL
| CLOSURE
| POSITIVE_CLOSURE
;

```

```

atom
@init {
  enterAtom($start);
}
@after {
  exitAtom($start);
}
: ^(DOT ID terminal)
| ^(DOT ID ruleref)
| ^(WILDCARD elementOptions) { wildcardRef($WILDCARD);}
| WILDCARD {wildcardRef($WILDCARD);}
| terminal
| blockSet
| ruleref
;

```

```

blockSet
@init {
  enterBlockSet($start);
}
@after {
  exitBlockSet($start);
}
: ^(SET setElement+)
;

```

```

setElement
@init {
  enterSetElement($start);
}
@after {
  exitSetElement($start);
}
: ^(STRING_LITERAL elementOptions) {stringRef((TerminalAST)$STRING_LITERAL);}
| ^(TOKEN_REF elementOptions) {tokenRef((TerminalAST)$TOKEN_REF);}
| STRING_LITERAL {stringRef((TerminalAST)$STRING_LITERAL);}

```

```

| TOKEN_REF          {tokenRef((TerminalAST)$TOKEN_REF);}
| ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
{
stringRef((TerminalAST)$a);
stringRef((TerminalAST)$b);
}
| LEXER_CHAR_SET
;

```

```

block
@init {
enterBlock($start);
}
@after {
exitBlock($start);
}
: ^(BLOCK optionsSpec? ruleAction* ACTION? alternative+)
;

```

```

ruleref
@init {
enterRuleref($start);
}
@after {
exitRuleref($start);
}
: ^(RULE_REF arg=ARG_ACTION? elementOptions?)
{
ruleRef($RULE_REF, (ActionAST)$ARG_ACTION);
if ( $arg!=null ) actionInAlt((ActionAST)$arg);
}
;

```

```

range
@init {
enterRange($start);
}
@after {
exitRange($start);
}
: ^(RANGE STRING_LITERAL STRING_LITERAL)
;

```

```

terminal
@init {
enterTerminal($start);
}
@after {

```



```

exitTerminal($start);
}
: ^(STRING_LITERAL elementOptions)
    {stringRef((TerminalAST)$STRING_LITERAL);}
| STRING_LITERAL {stringRef((TerminalAST)$STRING_LITERAL);}
| ^(TOKEN_REF elementOptions) {tokenRef((TerminalAST)$TOKEN_REF);}
| TOKEN_REF {tokenRef((TerminalAST)$TOKEN_REF);}
;

elementOptions
@init {
enterElementOptions($start);
}
@after {
exitElementOptions($start);
}
: ^(ELEMENT_OPTIONS elementOption[(GrammarASTWithOptions)$start.getParent()]*);
;

elementOption[GrammarASTWithOptions t]
@init {
enterElementOption($start);
}
@after {
exitElementOption($start);
}
: ID {elementOption(t, $ID, null);}
| ^(ASSIGN id=ID v=ID) {elementOption(t, $id, $v);}
| ^(ASSIGN ID v=STRING_LITERAL) {elementOption(t, $ID, $v);}
| ^(ASSIGN ID v=ACTION) {elementOption(t, $ID, $v);}
| ^(ASSIGN ID v=INT) {elementOption(t, $ID, $v);}
;

```

Found in path(s):

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/GrammarTreeVisitor.g

No license file was found, but licenses were detected in source scan.

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- */

tree grammar ATNBuilder;

```
options {
  language = Java;
  tokenVocab = ANTLRParser;
  ASTLabelType = GrammarAST;
  // filter = true;
}
```

// Include the copyright in this source and also the generated source

@header {

/*

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*/

```
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import org.antlr.v4.automata.ATNFactory;
}
```

```
@members {
    ATNFactory factory;
    public ATNBuilder(TreeNodeStream input, ATNFactory factory) {
        this(input);
        this.factory = factory;
    }
}
```

```
dummy : block[null] ; // avoid error about no start rule
```

```
ruleBlock[GrammarAST ebnfRoot] returns [ATNFactory.Handle p]
```

```
@init {
    List<ATNFactory.Handle> alts = new ArrayList<ATNFactory.Handle>();
    int alt = 1;
    factory.setCurrentOuterAlt(alt);
}
: ^(BLOCK
    (^ (OPTIONS .*)?
    ( a=alternative
        {alts.add($a.p); factory.setCurrentOuterAlt(++alt);}
    )+
    )
    {$p = factory.block((BlockAST)$BLOCK, ebnfRoot, alts);}
;
```

```
block[GrammarAST ebnfRoot] returns [ATNFactory.Handle p]
```

```
@init {List<ATNFactory.Handle> alts = new ArrayList<ATNFactory.Handle>();}
: ^(BLOCK (^ (OPTIONS .*)? (a=alternative {alts.add($a.p);}))+
    {$p = factory.block((BlockAST)$BLOCK, ebnfRoot, alts);}
;
```

```
alternative returns [ATNFactory.Handle p]
```

```
@init {List<ATNFactory.Handle> els = new ArrayList<ATNFactory.Handle>();}
: ^(LEXER_ALT_ACTION a=alternative lexerCommands)
    {$p = factory.lexerAltCommands($a.p,$lexerCommands.p);}
;
```

```

| ^(ALT elementOptions? EPSILON)    {$p = factory.epsilon($EPSILON);}
| ^(ALT elementOptions? (e=element {els.add($e.p);})+ ) {$p = factory.alt(els);}
;

```

lexerCommands returns [ATNFactory.Handle p]

```

@init {List<ATNFactory.Handle> cmds = new ArrayList<ATNFactory.Handle>();}
: (c=lexerCommand {if ($c.cmd != null) cmds.add($c.cmd);})+
{
  $p = factory.alt(cmds);
}
;

```

lexerCommand returns [ATNFactory.Handle cmd]

```

: ^(LEXER_ACTION_CALL ID lexerCommandExpr)
  {$cmd = factory.lexerCallCommand($ID, $lexerCommandExpr.start);}
| ID
  {$cmd = factory.lexerCommand($ID);}
;

```

lexerCommandExpr

```

: ID
| INT
;

```

element returns [ATNFactory.Handle p]

```

: labeledElement {$p = $labeledElement.p;}
| atom {$p = $atom.p;}
| subrule {$p = $subrule.p;}
| ACTION {$p = factory.action((ActionAST)$ACTION);}
| SEMPRED {$p = factory.sempred((PredAST)$SEMPRED);}
| ^(ACTION .) {$p = factory.action((ActionAST)$ACTION);}
| ^(SEMPRED .) {$p = factory.sempred((PredAST)$SEMPRED);}
| ^(NOT b=blockSet[true]) {$p = $b.p;}
| LEXER_CHAR_SET {$p = factory.charSetLiteral($start);}
;

```

astOperand returns [ATNFactory.Handle p]

```

: atom {$p = $atom.p;}
| ^(NOT blockSet[true]) {$p = $blockSet.p;}
;

```

labeledElement returns [ATNFactory.Handle p]

```

: ^(ASSIGN ID element) {$p = factory.label($element.p);}
| ^(PLUS_ASSIGN ID element) {$p = factory.listLabel($element.p);}
;

```

subrule returns [ATNFactory.Handle p]

```

: ^(OPTIONAL block[$start]) {$p = $block.p;}

```

```

| ^(CLOSURE block[$start]) {$p = $block.p;}
| ^(POSITIVE_CLOSURE block[$start]) {$p = $block.p;}
| block[null]    {$p = $block.p;}
;

blockSet[boolean invert] returns [ATNFactory.Handle p]
@init {List<GrammarAST> alts = new ArrayList<GrammarAST>();}
: ^(SET (setElement {alts.add($setElement.start);})+) {$p = factory.set($start, alts, $invert);}
;

/** Don't combine with atom otherwise it will build spurious ATN nodes */
setElement
: ^(STRING_LITERAL .)
| ^(TOKEN_REF .)
| STRING_LITERAL
| TOKEN_REF
| ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
| LEXER_CHAR_SET
;

atom returns [ATNFactory.Handle p]
: range    {$p = $range.p;}
| ^(DOT ID terminal) {$p = $terminal.p;}
| ^(DOT ID ruleref) {$p = $ruleref.p;}
| ^(WILDCARD .) {$p = factory.wildcard($start);}
| WILDCARD    {$p = factory.wildcard($start);}
| blockSet[false] {$p = $blockSet.p;}
| terminal    {$p = $terminal.p;}
| ruleref    {$p = $ruleref.p;}
;

ruleref returns [ATNFactory.Handle p]
: ^(RULE_REF ARG_ACTION? ^(ELEMENT_OPTIONS .*)) {$p = factory.ruleRef($RULE_REF);}
| ^(RULE_REF ARG_ACTION?)    {$p = factory.ruleRef($RULE_REF);}
| RULE_REF    {$p = factory.ruleRef($RULE_REF);}
;

range returns [ATNFactory.Handle p]
: ^(RANGE a=STRING_LITERAL b=STRING_LITERAL) {$p = factory.range($a,$b);}
;

terminal returns [ATNFactory.Handle p]
: ^(STRING_LITERAL .) {$p = factory.stringLiteral((TerminalAST)$start);}
| STRING_LITERAL    {$p = factory.stringLiteral((TerminalAST)$start);}
| ^(TOKEN_REF ARG_ACTION .) {$p = factory.tokenRef((TerminalAST)$start);}
| ^(TOKEN_REF .)    {$p = factory.tokenRef((TerminalAST)$start);}
| TOKEN_REF    {$p = factory.tokenRef((TerminalAST)$start);}
;

```

```
elementOptions
: ^(ELEMENT_OPTIONS elementOption*)
;
```

```
elementOption
: ID
| ^(ASSIGN ID ID)
| ^(ASSIGN ID STRING_LITERAL)
| ^(ASSIGN ID ACTION)
| ^(ASSIGN ID INT)
;
```

Found in path(s):

* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-jar/org/antlr/v4/parse/ATNBuilder.g

No license file was found, but licenses were detected in source scan.

```
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* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
```

```

SwiftTypeInitMap ::= [
  "Int":"0",
  "Int64":"0",
  "Float":"0.0",
  "Double":"0.0",
  "Bool":"false",
  default:"nil" // anything other than a primitive type is an object
]
SwiftTypeMap ::= [
  "int":"Int",
  "float":"Float",
  "long":"Int64",
  "double":"Double",
  "bool":"Bool",
  "boolean":"Bool",
  default : key
]
// args must be <object-model-object>, <fields-resulting-in-STs>

```

```

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<namedActions.header>
import Antlr4

<parser>
>>

```

```

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>
import Antlr4

/**
 * This interface defines a complete listener for a parse tree produced by
 * { @link <file.parserName> }.
 */
public protocol <file.grammarName>Listener: ParseTreeListener {
  <file.listenerNames: {lname |
/**
<if(file.listenerLabelRuleNames.(lname))>
 * Enter a parse tree produced by the { @code <lname>}
 * labeled alternative in { @link <file.parserName>#<file.listenerLabelRuleNames.(lname)>} }.

```

```

<else>
* Enter a parse tree produced by { @link <file.parserName>#<lname>\}.
<endif>
- Parameters:
- ctx: the parse tree
*/
func enter<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context)
/**
<if(file.listenerLabelRuleNames.(lname))>
* Exit a parse tree produced by the { @code <lname>\}
* labeled alternative in { @link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
* Exit a parse tree produced by { @link <file.parserName>#<lname>\}.
<endif>
- Parameters:
- ctx: the parse tree
*/
func exit<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context); separator="\n">
}
>>

```

```

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>

```

```
import Antlr4
```

```

/**
* This class provides an empty implementation of { @link <file.grammarName>Listener},
* which can be extended to create a listener which only needs to handle a subset
* of the available methods.
*/
open class <file.grammarName>BaseListener: <file.grammarName>Listener {
    public init() { \}
    <file.listenerNames:{lname |

/**
* { @inheritDoc\}
*
* \<p>The default implementation does nothing.\</p>
*/
open func enter<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context) { \}
/**
* { @inheritDoc\}

```



```

*
* \<p>The default implementation does nothing.\</p>
*/
open func exit<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context) { \};
separator="\n">

/**
 * { @inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
open func enterEveryRule(_ ctx: ParserRuleContext) { }
/**
 * { @inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
open func exitEveryRule(_ ctx: ParserRuleContext) { }
/**
 * { @inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
open func visitTerminal(_ node: TerminalNode) { }
/**
 * { @inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
open func visitErrorNode(_ node: ErrorNode) { }
}
>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>
import Antlr4

/**
 * This interface defines a complete generic visitor for a parse tree produced
 * by { @link <file.parserName>}.
 *
 * @param \<T> The return type of the visit operation. Use { @link Void} for
 * operations with no return type.
 */

```

```

open class <file.grammarName>Visitor<T>: ParseTreeVisitor<T> {
  <file.visitorNames:{Iname |
/**
<if(file.visitorLabelRuleNames.(Iname))>
* Visit a parse tree produced by the { @code <Iname>\}
* labeled alternative in { @link <file.parserName>#<file.visitorLabelRuleNames.(Iname)>\}.
<else>
* Visit a parse tree produced by { @link <file.parserName>#<Iname>\}.
<endif>
- Parameters:
- ctx: the parse tree
- returns: the visitor result
*/
open func visit<Iname; format="cap">(_ ctx: <file.parserName>.<Iname; format="cap">Context) -> T{
  fatalError(#function + " must be overridden")
\}
}; separator="\n">
}
>>

```

```

BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>
import Antlr4

/**
* This class provides an empty implementation of { @link <file.grammarName>Visitor},
* which can be extended to create a visitor which only needs to handle a subset
* of the available methods.
*
* @param \<T> The return type of the visit operation. Use { @link Void} for
* operations with no return type.
*/
open class <file.grammarName>BaseVisitor<T>: AbstractParseTreeVisitor<T> {
  <file.visitorNames:{Iname |
/**
* { @inheritDoc\}
*
* \<p>The default implementation returns the result of calling
* { @link #visitChildren\} on { @code ctx\}.\</p>
*/
open func visit<Iname; format="cap">(_ ctx: <file.parserName>.<Iname; format="cap">Context) -> T? { return
visitChildren(ctx) \} }; separator="\n">
}
>>

```

```

fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
</*!@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})!>
open class <parser.name>: <superClass; null="Parser"> {

internal static var _decisionToDFA: [DFA] = {
    var decisionToDFA = [DFA]()
    let length = <parser.name>._ATN.getNumberOfDecisions()
    for i in 0..<length {
        </*! decisionToDFA[i] = DFA(<parser.name>._ATN.getDecisionState(i)!, i)!>
        decisionToDFA.append(DFA(<parser.name>._ATN.getDecisionState(i)!, i))
    }
    return decisionToDFA
}()
internal static let _sharedContextCache: PredictionContextCache = PredictionContextCache()
<if(parser.tokens)>
public enum Tokens: Int {
    case EOF = -1, <parser.tokens:{k | <k> = <parser.tokens.(k)>}; separator=", ", wrap, anchor>
}
    <endif>
public static let <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>
public static let ruleNames: [String] = [
    <parser.ruleNames:{r | "<r">}; separator=", ", wrap, anchor>
]

<vocabulary(parser.literalNames, parser.symbolicNames)>

override
open func getGrammarFileName() -> String { return "<parser.grammarFileName; format="java-escape">" }

override
open func getRuleNames() -> [String] { return <parser.name>.ruleNames }

override
open func getSerializedATN() -> String { return <parser.name>._serializedATN }

override
open func getATN() -> ATN { return <parser.name>._ATN }

<namedActions.members>

```

```

<parser:(ctor)()>
<funcs; separator="\n">

<if(sempredFuncs)>
  override
  open func sempred(_ _localctx: RuleContext?, _ ruleIndex: Int, _ predIndex: Int)throws -> Bool {
    switch (ruleIndex) {
      <parser.sempredFuncs.values:{f|
case <f.ruleIndex>:
return try <f.name>_sempred(_localctx?.castdown(<f.ctxType>.self), predIndex)); separator="\n">
      default: return true
    }
    <!return true;!>
  }
  <sempredFuncs.values; separator="\n">
<endif>

<atn>
  public static let _serializedATN : String = <parser.name>ATN().jsonString
  public static let _ATN: ATN = ATNDeserializer().deserializeFromJson(_serializedATN)
}
>>

vocabulary(literalNames, symbolicNames) ::= <<
private static let _LITERAL_NAMES: [String?] = [
  <literalNames:{t | <t>}; null="nil", separator=", ", wrap, anchor>
]
private static let _SYMBOLIC_NAMES: [String?] = [
  <symbolicNames:{t | <t>}; null="nil", separator=", ", wrap, anchor>
]
public static let VOCABULARY: Vocabulary = Vocabulary(_LITERAL_NAMES, _SYMBOLIC_NAMES)

/**
 * @deprecated Use { @link #VOCABULARY } instead.
 */
//@Deprecated
public let tokenNames: [String?]? = {
  let length = _SYMBOLIC_NAMES.count
  var tokenNames = [String?](repeating: nil, count: length)
  for i in 0..

```

```

    }
    return tokenNames
  }()

  override
  <!--@Deprecated!>
  open func getTokenNames() -> [String?]? {
    return tokenNames
  }
  >>

  dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
  <if(actionFuncs)>
  override
  open func action(_ _localctx: RuleContext?, _ ruleIndex: Int, _ actionIndex: Int) throws {
    switch (ruleIndex) {
      <recog.actionFuncs.values:{f|
      case <f.ruleIndex>:
        <f.name>_action((_localctx as <f.ctxType>?), actionIndex)
        }; separator="\n">
      default: break
    }
  }
  <actionFuncs.values; separator="\n">
  <endif>
  <if(sempredFuncs)>
  override
  open func sempred(_ _localctx: RuleContext?, _ ruleIndex: Int, _ predIndex: Int) throws -> Bool{
    switch (ruleIndex) {
      <recog.sempredFuncs.values:{f|
      case <f.ruleIndex>:
        return try <f.name>_sempred(_localctx?.castdown(<f.ctxType>.self), predIndex)); separator="\n">
      default: return true
    }
  }
  <!--return true;!>
  }
  <sempredFuncs.values; separator="\n">
  <endif>
  >>

  parser_ctor(p) ::= <<

  open override func getVocabulary() -> Vocabulary {
    return <p.name>.VOCABULARY
  }

  public override init(_ input:TokenStream)throws {
    RuntimeMetaData.checkVersion("4.6", RuntimeMetaData.VERSION)

```

```

try super.init(input)
_interp = ParserATNSimulator(self,<p.name>._ATN,<p.name>._decisionToDFA,
<parser.name>._sharedContextCache)
}
>>

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<
private func <r.name>_action(_ _localctx: <r.ctxType>?, _ actionIndex: Int) {
switch (actionIndex) {
<actions:{index|
case <index>:
<actions.(index)>
}; separator="\n">
default: break
}
}
>>

/* This generates a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
private func <r.name>_sempred(_ _localctx: <r.ctxType>!, _ predIndex: Int) throws -> Bool {
switch (predIndex) {
<actions:{index|
case <index>:return <actions.(index)>}; separator="\n">
default: return true
}
<!return true;!>
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<
<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">
@discardableResult
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>open func
<endif><currentRule.name><(if(first(args))>_<endif><args; separator=", _">) throws -> <currentRule.ctxType> {
var _localctx: <currentRule.ctxType> = <currentRule.ctxType>(_ctx, getState())<currentRule.args:{a | ,
<a.name>}>>
try enterRule(_localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>)
<namedActions.init>
<locals; separator="\n">
defer {

```

```

    <finallyAction>
    try! exitRule()
    }
do {
<if(currentRule.hasLookaheadBlock)>
    var _alt:Int
<endif>
    <code>
    <postamble; separator="\n">
    <namedActions.after>
    }
    <if(exceptions)>
    <exceptions; separator="\n">
    <else>
    catch ANTLRException.recognition(let re) {
    _localctx.exception = re
    _errHandler.reportError(self, re)
    try _errHandler.recover(self, re)
    }
    <endif>

    return _localctx
}
>>

```

```

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
    namedActions,finallyAction,postamble) ::=
<<

```

```

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public final <endif> func <currentRule.name>(
<if(first(args))>_ <endif><args; separator=", _">) throws -> <currentRule.ctxType> {
    return try <currentRule.name>(0<currentRule.args:{a | , <a.name>}>)
}
@discardableResult
private func <currentRule.name>(_ _p<args:{a | , <a>}>: Int) throws -> <currentRule.ctxType> {
    let _parentctx: ParserRuleContext? = _ctx
    var _parentState: Int = getState()
    var _localctx: <currentRule.ctxType> = <currentRule.ctxType>(_ctx, _parentState<currentRule.args:{a | ,
<a.name>}>)
    var _prevctx: <currentRule.ctxType> = _localctx
    var _startState: Int = <currentRule.startState>
    try enterRecursionRule(_localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>, _p)
    <namedActions.init>
    <locals; separator="\n">
    defer {

```

```

    <finallyAction>
    try! unrollRecursionContexts(_parentctx)
    }
do {
<if(currentRule.hasLookaheadBlock)>
    var _alt: Int
<endif>
    <code>
    <postamble; separator="\n">
    <namedActions.after>
    }
    catch ANTLRException.recognition(let re) {
    _localctx.exception = re
    _errHandler.reportError(self, re)
    try _errHandler.recover(self, re)
    }

    return _localctx;
}
>>

```

```

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
try enterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>)
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

```

```

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<!/{!>
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
<!/{!>
>>

```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = try _input.LT(1)<endif>
<preamble; separator="\n">
switch (<parser.name>.Tokens(rawValue: try _input.LA(1))!) {
<choice.altLook,alts:{look,alt | <cases(ttypes=look)>
    <alt>
    break }; separator="\n">
default:
    <error>
}

```


>>

```
LL1OptionalBlock(choice, alts, error) ::= <<
  setState(<choice.stateNumber>)
  try_errHandler.sync(self)
  switch (<parser.name>.Tokens(rawValue: try_input.LA(1))!) {
  <choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  break }; separator="\n">
  default:
  <error>
  }
>>
```

```
LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
  setState(<choice.stateNumber>)
  try_errHandler.sync(self)
  <preamble; separator="\n">
  if (<expr>) {
  <alts; separator="\n">
  }
  <!else if ( !(<followExpr> ) <error>!>
>>
```

```
LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
  setState(<choice.stateNumber>)
  try_errHandler.sync(self)
  <preamble; separator="\n">
  while (<loopExpr>) {
  <alts; separator="\n">
  setState(<choice.loopBackStateNumber>)
  try_errHandler.sync(self)
  <iteration>
  }
>>
```

```
LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
  setState(<choice.blockStartStateNumber>) <! alt block decision !>
  try_errHandler.sync(self)
  <preamble; separator="\n">
  repeat {
  <alts; separator="\n">
  setState(<choice.stateNumber>); <! loopback/exit decision !>
  try_errHandler.sync(self)
  <iteration>
  } while (<loopExpr>)
>>
```

```
// LL(*) stuff
```

```
AltBlock(choice, preamble, alts, error) ::= <<  
  setState(<choice.stateNumber>)  
  try _errHandler.sync(self)  
  <if(choice.label)><labelref(choice.label)> = try _input.LT(1)<endif>  
  <preamble; separator="\n">  
  switch(try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)) {  
  <alts:{alt |  
  case <i>:  
    <alt>  
    break}; separator="\n">  
  default: break  
  }  
>>
```

```
OptionalBlock(choice, alts, error) ::= <<  
  setState(<choice.stateNumber>)  
  try _errHandler.sync(self)  
  switch(try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)) {  
  <alts:{alt |  
  case <i><if(!choice.ast.greedy)>+1<endif>:  
    <alt>  
    break}; separator="\n">  
  default: break  
  }  
>>
```

```
StarBlock(choice, alts, sync, iteration) ::= <<  
  setState(<choice.stateNumber>)  
  try _errHandler.sync(self)  
  _alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)  
  while (_alt != <choice.exitAlt> && _alt != ATN.INVALID_ALT_NUMBER) {  
  if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {  
    <iteration>  
    <alts> <! should only be one !>  
  }  
  setState(<choice.loopBackStateNumber>)  
  try _errHandler.sync(self)  
  _alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)  
  }  
>>
```

```
PlusBlock(choice, alts, error) ::= <<  
  setState(<choice.blockStartStateNumber>); <! alt block decision !>  
  try _errHandler.sync(self)  
  _alt = 1<if(!choice.ast.greedy)>+1<endif>;  
  repeat {
```

```

switch (_alt) {
<alts:{ alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
<alt>
break }; separator="\n">
default:
<error>
}
setState(<choice.loopBackStateNumber>); <! loopback/exit decision !>
try _errHandler.sync(self)
_alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)
} while (_alt != <choice.exitAlt> && _alt != ATN.INVALID_ALT_NUMBER)
>>

Sync(s) ::= "sync(<s.expecting.name>);"

ThrowNoViableAlt(t) ::= "throw try ANTLRException.recognition(e: NoViableAltException(self))"

TestSetInline(s) ::= <<
<!<s.bitsets: {bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>} ; separator=" || ">!>
//closure
{ () -> Bool in
    <if(rest(s.bitsets)>var<else>let<endif> testSet: Bool = <first(s.bitsets): {bits |
<if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s, bits)><endif>}>
    <rest(s.bitsets): {bits | testSet = testSet || <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s,
bits)><else><bitsetInlineComparison(s, bits)><endif>} ; separator="\n">
    return testSet
}()
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <<
<!(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((1 \<< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes: {ttype | (1 \<< <offsetShift(ttype, bits.shift)>)} ; separator=" | ">)) != 0)!>
{ () -> Bool in
    <! let test: Bool = (<testShiftInRange({<offsetShift(s.varName, bits.shift)>})>)!>
    <!var temp: Int64 = Int64(<offsetShift(s.varName, bits.shift)>)!>
    <!temp = (temp \< 0) ? (64 + (temp % 64)) : (temp % 64)!>
    <!let test1: Int64 = (Int64(1) \<< temp)!>
    <!var test2: Int64 = (<first(bits.ttypes): {ttype | Utils.bitLeftShift(<offsetShift(parserName(ttype), bits.shift)>)}>)!>
    <!<rest(bits.ttypes): {ttype | test2 = test2 | Utils.bitLeftShift(<offsetShift(parserName(ttype), bits.shift)>)}>;
separator="\n">!>

```

```

let testArray: [Int] = [<s.varName>, <bits.ttypes:{ ttype |<parserName(ttype)>} ; separator=", ">]
<!var test2: Int64 = Utils.testBitLeftShiftArray(testArray)!>
return Utils.testBitLeftShiftArray(testArray, <bits.shift>)
}()
>>

isZero ::= [
"0": true,
default: false
]
parserName(ttype) ::= <%
<parser.name>.Tokens.<ttype>.rawValue
%>
offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))><shiftAmount> - <offset><else><shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes: { ttype | <s.varName> == <parser.name>.Tokens.<ttype>.rawValue } ; separator=" || ">
%>

cases(ttypes) ::= <<
<trunc(ttypes): { t | case .<t>:fallthrough } ; separator="\n">
<last(ttypes): { t | case .<t>: } ; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
setState(<r.stateNumber>)
<if(r.labels)>
try {
let assignmentValue = try
<r.name><(if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>, <endif><endif><argExprsChunks>)
<r.labels: { l | <labelref(l)> = assignmentValue } ; separator="\n">
}()
<else>try
<r.name><(if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>, <endif><endif><argExprsChunks><endif>
>>

MatchToken(m) ::= <<
setState(<m.stateNumber>)
<if(m.labels)>
try {
let assignmentValue = try match(<parser.name>.Tokens.<m.name>.rawValue)
<m.labels: { l | <labelref(l)> = assignmentValue } ; separator="\n">
}()
<else>try match(<parser.name>.Tokens.<m.name>.rawValue)<endif>
>>

```

```
MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"
```

```
MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"
```

```
CommonSetStuff(m, expr, capture, invert) ::= <<  
  setState(<m.stateNumber>)  
  <if(m.labels)><m.labels:{1 | <labelref(l)> = }>try _input.LT(1)<endif>  
  <capture>  
  if (<if(invert)><m.varName> \<= 0 || <else>!<endif><expr>) {  
    <if(m.labels)><m.labels:{1 | <labelref(l)> = }><endif>try _errHandler.recoverInline(self)<if(m.labels)> as  
    Token<endif>  
  }  
  else {  
    _errHandler.reportMatch(self)  
    try consume()  
  }  
>>
```

```
Wildcard(w) ::= <<  
  setState(<w.stateNumber>)  
  <if(w.labels)><w.labels:{1 | <labelref(l)> = }><endif>try matchWildcard();  
>>
```

```
// ACTION STUFF
```

```
Action(a, foo, chunks) ::= "<chunks>"
```

```
ArgAction(a, chunks) ::= "<chunks>"
```

```
SemPred(p, chunks, failChunks) ::= <<  
  setState(<p.stateNumber>)  
  if (!<chunks>) {  
    throw try ANTLRException.recognition(e:FailedPredicateException(self, <p.predicate><if(failChunks)>,  
    <failChunks><elseif(p.msg)>, <p.msg><endif>))  
  }  
>>
```

```
ExceptionClause(e, catchArg, catchAction) ::= <<  
  catch (<catchArg>) {  
    <catchAction>  
  }  
>>
```

```
// lexer actions are not associated with model objects
```

```
LexerSkipCommand() ::= "skip()"
```

```
LexerMoreCommand() ::= "more()"
```

```

LexerPopModeCommand() ::= "popMode()"

LexerTypeCommand(arg) ::= "_type = <arg>"
LexerChannelCommand(arg) ::= "_channel = <arg>"
LexerModeCommand(arg) ::= "_mode = <arg>"
LexerPushModeCommand(arg) ::= "pushMode(<arg>)"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "_localctx.<a.name>"
LocalRef(a) ::= "_localctx.<a.name>"
RetValRef(a) ::= "_localctx.<a.name>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getText()! : \"\""
TokenPropertyRef_type(t) ::= "<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getType() : 0)"
TokenPropertyRef_line(t) ::= "<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getLine() : 0)"
TokenPropertyRef_pos(t) ::= "<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getCharPositionInLine() : 0)"
TokenPropertyRef_channel(t) ::= "<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getChannel() : 0)"
TokenPropertyRef_index(t) ::= "<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getTokenIndex() : 0)"
TokenPropertyRef_int(t) ::= "<ctx(t)>.<t.label> != nil ? Int(<ctx(t)>.<t.label>!.getText()!) : 0)"

RulePropertyRef_start(r) ::= "<ctx(r)>.<r.label> != nil ? (<ctx(r)>.<r.label>!.start?.description ?? \"\") : \"\""
RulePropertyRef_stop(r) ::= "<ctx(r)>.<r.label> != nil ? (<ctx(r)>.<r.label>!.stop?.description ?? \"\") : \"\""
RulePropertyRef_text(r) ::= "<ctx(r)>.<r.label> != nil ? try
_input.getText(<ctx(r)>.<r.label>!.start,<ctx(r)>.<r.label>!.stop) : \"\""
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "self"

ThisRulePropertyRef_start(r) ::= "_localctx.start"
ThisRulePropertyRef_stop(r) ::= "_localctx.stop"
ThisRulePropertyRef_text(r) ::= "(try _input.getText(_localctx.start, try _input.LT(-1)))"
ThisRulePropertyRef_ctx(r) ::= "_localctx"
ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s) ::= "(<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::=
"(<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

```

```

TokenDecl(t) ::= "<t.name>: <SwiftTypeMap.(TokenLabelType())>!"
TokenTypeDecl(t) ::= "var <t.name>: Int = 0"
TokenListDecl(t) ::= "<t.name>: Array\<Token> = Array\<Token>()"
RuleContextDecl(r) ::= "<r.name>: <r.ctxName>!"
RuleContextListDecl(rdecl) ::= "<rdecl.name>: Array\<<rdecl.ctxName>> = Array\<<rdecl.ctxName>>()"

ContextTokenGetterDecl(t) ::=
  "open func <t.name>() -> TerminalNode? { return getToken(<parser.name>.Tokens.<t.name>.rawValue, 0) }"
ContextTokenListGetterDecl(t) ::=
  "open func <t.name>() -> Array\<TerminalNode> { return getTokens(<parser.name>.Tokens.<t.name>.rawValue)
  }"
ContextTokenListIndexedGetterDecl(t) ::= <<
  open func <t.name>(_ i: Int) -> TerminalNode? {
    return getToken(<parser.name>.Tokens.<t.name>.rawValue, i)
  }
  >>
ContextRuleGetterDecl(r) ::= <<
  open func <r.name>() -> <r.ctxName>? {
    return getRuleContext(<r.ctxName>.self, 0)
  }
  >>
ContextRuleListGetterDecl(r) ::= <<
  open func <r.name>() -> Array\<<r.ctxName>> {
    return getRuleContexts(<r.ctxName>.self)
  }
  >>
ContextRuleListIndexedGetterDecl(r) ::= <<
  open func <r.name>(_ i: Int) -> <r.ctxName>? {
    return getRuleContext(<r.ctxName>.self, i)
  }
  >>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName) ::= "_<ruleName>"
ImplicitSetLabel(id) ::= "_tset<id>"
ListLabelName(label) ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = try _input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = try _input.LA(1)"

```

```

StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers,
    superClass={ParserRuleContext}) ::= <<
open class
<struct.name>:<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)>,
<interfaces; separator=", "><endif> {
<attrs:{a | public var <a>}; separator="\n">
<getters:{g | <g>}; separator="\n">
<! <if(ctorAttrs)>public init(_ parent: ParserRuleContext, _ invokingState: Int) { super.init(parent, invokingState)
}<endif> !>
<if(ctorAttrs)>
public convenience init(_ parent: ParserRuleContext?, _ invokingState: Int<ctorAttrs:{a | , _ <a>}> ) {
self.init(parent, invokingState)
<struct.ctorAttrs:{a | self.<a.name> = <a.name>;}; separator="\n">
}
<endif>
open override func getRuleIndex() -> Int { return <parser.name>.RULE_<struct.derivedFromName> }
<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
<!public init() { }!>
public func copyFrom(_ ctx: <struct.name>) {
super.copyFrom(ctx)
<struct.attrs:{a | self.<a.name> = ctx.<a.name>;}; separator="\n">
}
<endif>
<dispatchMethods; separator="\n">
<extensionMembers; separator="\n">
}
>>

```

```

AltLabelStructDecl(struct,attrs, getters,dispatchMethods) ::= <<
public final class <struct.name>: <currentRule.name; format="cap">Context {
<attrs:{a | public var <a>}; separator="\n">
<getters:{g | <g>}; separator="\n">
public init(_ ctx: <currentRule.name; format="cap">Context) {
super.init()
copyFrom(ctx)
}
<dispatchMethods; separator="\n">
}
>>

```

```

ListenerDispatchMethod(method) ::= <<
override
open func <if(method.isEnter)>enter<else>exit<endif>Rule(_ listener: ParseTreeListener) {
if listener is <parser.grammarName>Listener {
(listener as!
<parser.grammarName>Listener).<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName;
format="cap">(self)
}
}

```



```

}
>>

VisitorDispatchMethod(method) ::= <<
override
open func accept<T>(_ visitor: ParseTreeVisitor<T>) -> T? {
if visitor is <parser.grammarName>Visitor {
    return (visitor as! <parser.grammarName>Visitor<T>).visit<struct.derivedFromName; format="cap">(self)
} else if visitor is <parser.grammarName>BaseVisitor {
    return (visitor as! <parser.grammarName>BaseVisitor<T>).visit<struct.derivedFromName; format="cap">(self)
}
} else {
    return visitor.visitChildren(self)
}
}
>>

```

```

AttributeDecl(d) ::= "<d.name>: <SwiftTypeMap.(d.type)><if(d.initValue)> = <d.initValue><else>!<endif>"

```

```

/** If we don't know location of label def x, use this template (_localctx as! <x.ctx.name> */
labelref(x) ::= "<if(!x.isLocal)>_localctx.castdown(<x.ctx.name>.self).<endif><x.name>"

```

```

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "_localctx.castdown(<actionChunk.ctx.name>.self)"

```

```

// used for left-recursive rules
recRuleAltPredicate(ruleName, opPrec) ::= "precpred(_ctx, <opPrec>)"
recRuleSetReturnAction(src, name) ::= "$<name>=$<src>.<name>"
recRuleSetStopToken() ::= "_ctx!.stop = try _input.LT(-1)"

```

```

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
_localctx = <ctxName>Context(_parentctx, _parentState);
<if(label)>
<if(isListLabel)>
_localctx.<label>.append(_prevctx)
<else>
_localctx.<label> = _prevctx
<endif>
<endif>
<if(label)>_localctx.<label> = _prevctx;<endif>
try pushNewRecursionContext(_localctx, _startState, <parser.name>.RULE_<ruleName>)
>>

```

```

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
_localctx = <currentAltLabel; format="cap">Context( <ruleName; format="cap">Context(_parentctx,
_parentState))
<if(label)>
<if(isListLabel)>

```

```

(_localctx as! <currentAltLabel; format="cap">Context).<label>.append(_prevctx)
<else>
(_localctx as! <currentAltLabel; format="cap">Context).<label> = _prevctx
<endif>
<endif>
try pushNewRecursionContext(_localctx, _startState, <parser.name>.RULE_<ruleName>)
>>

recRuleReplaceContext(ctxName) ::= <<
_localctx = <ctxName>Context(_localctx)
_ctx = _localctx
_prevctx = _localctx
>>

recRuleSetPrevCtx() ::= <<
if _parseListeners != nil {
  try triggerExitRuleEvent()
}
_prevctx = _localctx
>>

LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
<if(lexerFile.genPackage)>
<!package <lexerFile.genPackage>;!>
<endif>
<namedActions.header>
import Antlr4

<lexer>
>>
Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
open class <lexer.name>: <superClass; null="Lexer"> {
  internal static var _decisionToDFA: [DFA] = {
    var decisionToDFA = [DFA]()
    let length = <lexer.name>._ATN.getNumberOfDecisions()
    for i in 0..<length {
      <! decisionToDFA[i] = DFA(<lexer.name>._ATN.getDecisionState(i)!, i);!>
      decisionToDFA.append(DFA(<lexer.name>._ATN.getDecisionState(i)!, i))
    }
    return decisionToDFA
  }()

  internal static let _sharedContextCache: PredictionContextCache = PredictionContextCache()
  public static let <lexer.tokens>: {k | <k>=<lexer.tokens.(k)>}; separator=" ", wrap, anchor>
  <if(lexer.channels)>
    public let <lexer.channels>: {k | <k>=<lexer.channels.(k)>}; separator=" ", wrap, anchor>

```

```

<endif>
<rest(lexer.modes):{m| public static let <m>: Int = <i>;}; separator="\n">
public static let modeNames: [String] = [
  <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor>
]

public static let ruleNames: [String] = [
  <lexer.ruleNames:{r| "<r>"}; separator=", ", wrap, anchor>
]

<vocabulary(lexer.literalNames, lexer.symbolicNames)>

<namedActions.members>
  open override func getVocabulary() -> Vocabulary {
    return <lexer.name>.VOCABULARY
  }

public override init(_ input: CharStream) {
  RuntimeMetaData.checkVersion("<lexerFile.ANTLRVersion>", RuntimeMetaData.VERSION)
  super.init(input)
  _interp = LexerATNSimulator(self, <lexer.name>._ATN, <lexer.name>._decisionToDFA,
  <lexer.name>._sharedContextCache)
}

override
open func getGrammarFileName() -> String { return "<lexer.grammarFileName>" }

  override
open func getRuleNames() -> [String] { return <lexer.name>.ruleNames }

override
open func getSerializedATN() -> String { return <lexer.name>._serializedATN }

override
open func getModeNames() -> [String] { return <lexer.name>.modeNames }

override
open func getATN() -> ATN { return <lexer.name>._ATN }

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>
  public static let _serializedATN: String = <lexer.name>ATN().jsonString
  public static let _ATN: ATN = ATNDeserializer().deserializeFromJson(_serializedATN)
}
>>

/** Don't need to define anything. The tool generates a XParserATN.swift file (and same for lexer)
* which is referenced from static field _serializedATN. This json string is passed to

```

```
* deserializeFromJson(). Note this is not the "serialization as array of ints" that other targets
* do. It is more or less the output of ATNPrinter which gets read back in.
```

```
*/
```

```
SerializedATN(model) ::= <<
```

```
>>
```

```
/** Using a type to init value map, try to init a type; if not in table
```

```
* must be an object, default value is "null".
```

```
*/
```

```
initValue(typeName) ::= <<
```

```
<SwiftTypeInitMap.(typeName)>
```

```
>>
```

```
codeFileExtension() ::= ".swift"
```

Found in path(s):

```
* /opt/cola/permits/1166873170_1621514800.65/0/antlr4-4-6-sources-1-
jar/org/antlr/v4/tool/templates/codegen/Swift/Swift.stg
```

1.723 aws-java-sdk-fis 1.12.377

1.723.1 Available under license :

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1.724 glue 2.16.92

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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslUtils.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java

* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java
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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslContext.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/LazyX509Certificate.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SniHandler.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslProvider.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java

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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java
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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java
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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslSessionId.java
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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslContextOption.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/Ciphers.java
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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-

jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java

* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/logging/package-info.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/package-info.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/logging/LoggingHandler.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedStream.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/package-info.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/package-info.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/logging/LogLevel.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedFile.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedInput.java

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* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/META-INF/maven/io.netty/netty-handler/pom.xml

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- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java

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- * /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateCompressionConfig.java

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```
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/PseudoRandomFunction.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/address/package-info.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /opt/cola/permits/1536390298_1674051205.1081247/0/netty-handler-4-1-87-final-sources-
jar/io/netty/handler/address/DynamicAddressConnectHandler.java
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David Megginson, david@megginson.com
2000-05-05

1.736 snake-yaml 1.33

1.736.1 Available under license :

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* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java

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/**

* A Base64 encoder/decoder.

*

* <p>

* This class is used to encode and decode data in Base64 format as described in RFC 1521.

*

* <p>

* Project home page: www.

* source-code.biz/base64coder/java

* Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland

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* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java

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* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/nodes/NodeTuple.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/AnchorToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/introspector/BeanAccess.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/MappingStartEvent.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/comments/CommentType.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/TagTuple.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/introspector/Property.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/ScalarToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/representer/Represent.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/representer/Representer.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/extensions/compactnotation/PackageCompactConstructor.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/AliasToken.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/introspector/FieldProperty.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/reader/StreamReader.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/AliasEvent.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/NodeEvent.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/reader/UnicodeReader.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/ImplicitTuple.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/introspector/GenericProperty.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/Yaml.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/nodes/ScalarNode.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/parser/ParserException.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/DocumentEndToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/util/ArrayStack.java
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* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/nodes/MappingNode.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/scanner/ScannerException.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/resolver/ResolverTuple.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/Event.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/constructor/BaseConstructor.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/TypeDescription.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/error/MarkedYAMLErrorException.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/util/EnumUtils.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/error/Mark.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/nodes/Node.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/util/UriEncoder.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/KeyToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/TagToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/ValueToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/constructor/Construct.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/introspector/MethodProperty.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/introspector/MissingProperty.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/MappingEndEvent.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/emitter/EmitterException.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/CommentToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/StreamStartEvent.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java
* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/nodes/NodeId.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/parser/Parser.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/parser/VersionTagsTuple.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/reader/ReaderException.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/error/YAMLEException.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/scanner/SimpleKey.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/resolver/Resolver.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/composer/Composer.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/LoaderOptions.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/ScalarEvent.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/nodes/CollectionNode.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/parser/Production.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/StreamStartToken.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/emitter/Emitable.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/comments/CommentLine.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/Token.java

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* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/SequenceEndEvent.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/StreamEndEvent.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/DirectiveToken.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/nodes/AnchorNode.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/emitter/Emitter.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/util/PlatformFeatureDetector.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/constructor/Constructor.java

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* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/serializer/SerializerException.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/nodes/Tag.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/emitter/EmitterState.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/StreamEndToken.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/composer/ComposerException.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/scanner/Constant.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/util/ArrayUtils.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/parser/ParserImpl.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/scanner/Scanner.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/serializer/Serializer.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/nodes/SequenceNode.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java

* /opt/cola/permits/1448940251_1666400053.5140593/0/snakeyaml-1-33-sources-2-jar/org/yaml/snakeyaml/DumperOptions.java

1.737 ion-java 1.0.2

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1.740 aws-java-sdk-batch 1.12.377

1.740.1 Available under license :

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1.741 netty-codec-dns 4.1.87.Final

1.741.1 Available under license :

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Manifest-Version: 1.0

Implementation-Title: Netty/Codec/DNS

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.

Automatic-Module-Name: io.netty.codec.dns

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>

Bundle-SymbolicName: io.netty.codec-dns

Implementation-Version: 4.1.87.Final

Built-By: norman

Bnd-LastModified: 1673539367177

Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: <https://netty.io/>

Bundle-Vendor: The Netty Project

Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel;version="[4.1,5)",io.netty.channel.socket;version="[4.1,5)",io.netty.handler.codec;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.collection;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-6.3.1.202206071316

Implementation-Vendor: The Netty Project

Export-Package: io.netty.handler.codec.dns;uses:="io.netty.buffer,io.n

etty.channel,io.netty.channel.socket,io.netty.handler.codec,io.netty.util";version="4.1.87"
Bundle-Name: Netty/Codec/DNS
Bundle-Version: 4.1.87.Final
Build-Jdk-Spec: 1.8
Created-By: Apache Maven Bundle Plugin 5.1.8
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-codec-dns/

Found in path(s):

* /opt/cola/permits/1536390217_1677637055.4627824/0/netty-codec-dns-4-1-87-final-jar/META-INF/MANIFEST.MF

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Found in path(s):

* /opt/cola/permits/1536390217_1677637055.4627824/0/netty-codec-dns-4-1-87-final-jar/META-INF/maven/io.netty/netty-codec-dns/pom.xml

1.742 aws-java-sdk-codegurureviewer

1.12.377

1.742.1 Available under license :

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1.743 aws-java-sdk-iam 1.12.377

1.743.1 Available under license :

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1.744 yum-metadata-parser 1.1.4-10.el7

1.744.1 Available under license :

From RPM File Metadata:GPLv2

1.745 jackson-datatype-jsr310 2.10.5

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1.747 aws-java-sdk-managedblockchain

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1.748 jackson-annotations 2.14.0

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/opt/cola/permits/1636778282_1681352012.3879077/0/aws-java-sdk-personalize-1-12-377-jar/com/amazonaws/services/personalize/model/UpdateMetricAttributionResult.class: binary file matches

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/opt/cola/permits/1636778282_1681352012.3879077/0/aws-java-sdk-personalize-1-12-377-jar/com/amazonaws/services/personalize/model/transform/CreateMetricAttributionRequestProtocolMarshaller.class: binary file matches

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* /bin/grep

1.750 libpng 1.6.37

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```
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*
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*/
```

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